

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
 Data File : VN072631.D
 Acq On : 26 May 2022 15:08
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

Quant Time: May 26 15:53:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 26 15:53:28 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.651	128	30347	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	173728	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	163749	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	83156	25.718	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	85.733%#	
60) 4-Bromofluorobenzene	12.727	95	83701	26.577	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	88.600%	
63) Toluene-d8	10.439	98	272078	30.220	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	100.733%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.063	85	103692	42.485	ug/l	97
3) Chloromethane	2.293	50	129243	55.347	ug/l	94
4) Vinyl Chloride	2.434	62	106627	53.784	ug/l	99
5) Bromomethane	2.834	94	53267	35.804	ug/l	98
6) Chloroethane	3.004	64	70008	53.772	ug/l	99
7) Trichlorofluoromethane	3.363	101	176362	40.930	ug/l	99
8) Diethyl Ether	3.822	74	73106	52.028	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.204	101	100549	47.673	ug/l	69
10) 1,1-Dichloroethene	4.181	96	99345	50.758	ug/l	99
11) Methyl Iodide	4.422	142	103672	38.331	ug/l	91
12) Methyl Acetate	4.851	43	186584	57.793	ug/l	95
13) Acrolein	4.034	56	105015	222.793	ug/l	96
14) Acrylonitrile	5.545	53	424363	304.655	ug/l	96
15) Acetone	4.281	58	106162	291.246	ug/l	84
16) Carbon Disulfide	4.528	76	267792	52.743	ug/l	97
17) Allyl chloride	4.834	41	204467	56.606	ug/l	79
18) Methylene Chloride	5.093	84	127041	53.640	ug/l	95
19) trans-1,2-Dichloroethene	5.592	96	110161	51.276	ug/l	96
20) Diisopropyl ether	6.487	45	435566	57.513	ug/l	92
21) 1,1-Dichloroethane	6.381	63	223289	51.045	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	133637	52.613	ug/l	99
23) tert-Butyl Alcohol	5.357	59	130719	229.853	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	376134	48.025	ug/l	91
25) Chloroform	7.816	83	220335	47.667	ug/l	100
26) Cyclohexane	8.092	56	201525	55.654	ug/l #	90
29) 1,1-Dichloropropene	8.216	75	160359	45.803	ug/l	98
30) 2-Butanone	7.322	43	581667	276.730	ug/l	95
31) 2,2-Dichloropropane	7.322	77	174030	41.190	ug/l #	75
32) 1,1,1-Trichloroethane	8.010	97	186474	39.074	ug/l	99
33) Carbon Tetrachloride	8.198	117	157037	37.456	ug/l	98
34) Benzene	8.451	78	511019	50.444	ug/l	98
35) Methacrylonitrile	7.628	41	113271	52.316	ug/l	89
36) 1,2-Dichloroethane	8.522	62	166085	37.893	ug/l	96
37) Trichloroethene	9.210	130	119039	44.621	ug/l	98
38) Methylcyclohexane	9.457	83	202100	49.659	ug/l	95
39) 1,2-Dichloropropane	9.486	63	136053	52.863	ug/l	97
40) Dibromomethane	9.575	93	87332	45.839	ug/l	95
41) Bromodichloromethane	9.757	83	174107	43.360	ug/l	94
42) Vinyl Acetate	6.428	43	1902722	272.285	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	222564	54.599	ug/l	98
44) Isopropyl Acetate	8.557	43	332506	51.573	ug/l	99
45) 1,4-Dioxane	9.563	88	59488	996.845	ug/l	93
46) Methyl methacrylate	9.557	41	167233	54.728	ug/l	85
47) n-amyl Acetate	12.380	43	270352	61.094	ug/l	98
48) t-1,3-Dichloropropene	10.716	75	193696	45.507	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	213423	48.821	ug/l #	89
50) 1,1,2-Trichloroethane	10.892	97	130776	48.649	ug/l	97
51) Ethyl methacrylate	10.757	69	227745	53.526	ug/l	88
52) 1,3-Dichloropropane	11.039	76	231952	49.867	ug/l	99
53) Dibromochloromethane	11.233	129	134396	43.063	ug/l	99
54) 1,2-Dibromoethane	11.339	107	133916	47.022	ug/l	96
55) 2-Chloroethyl vinyl ether	10.033	63	499565	405.613	ug/l	98
56) Bromoform	12.457	173	91308	38.515	ug/l #	100
58) 4-Methyl-2-Pentanone	10.327	43	1174212	288.554	ug/l	96
59) 2-Hexanone	11.080	43	881105	296.704	ug/l	97
61) Tetrachloroethene	10.974	164	104556	43.128	ug/l	93
62) Toluene	10.498	91	563970	49.695	ug/l	98
64) Chlorobenzene	11.763	112	331650	47.518	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.839	131	124435	44.019	ug/l	98
66) Ethyl Benzene	11.839	91	624068	49.606	ug/l	99
67) m/p-Xylenes	11.945	106	465100	97.533	ug/l	100
68) o-Xylene	12.274	106	221089	46.816	ug/l	100
69) Styrene	12.286	104	362841	48.402	ug/l	98
70) Isopropylbenzene	12.574	105	567291	45.606	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	196765	50.767	ug/l	96
72) 1,2,3-Trichloropropane	12.874	75	173516m	48.688	ug/l	
73) Bromobenzene	12.857	156	123690	41.891	ug/l	87
74) n-propylbenzene	12.916	91	649630	47.368	ug/l	98
75) 2-Chlorotoluene	13.004	91	380047	43.783	ug/l	95
76) 1,3,5-Trimethylbenzene	13.051	105	441978	42.290	ug/l	98
77) t-1,4-Dichloro-2-butene	12.621	75	66678	54.057	ug/l	93
78) 4-Chlorotoluene	13.098	91	353934	43.359	ug/l	96
79) tert-butylbenzene	13.316	119	393498	42.613	ug/l	97
80) 1,2,4-Trimethylbenzene	13.363	105	430365m	42.574	ug/l	
81) sec-Butylbenzene	13.498	105	558720	45.274	ug/l	99
82) p-Isopropyltoluene	13.610	119	417364	41.367	ug/l	98
83) 1,3-Dichlorobenzene	13.610	146	201836	40.183	ug/l	99
84) 1,4-Dichlorobenzene	13.686	146	197588	40.400	ug/l	99
85) n-Butylbenzene	13.939	91	356875	46.650	ug/l	97
86) Hexachloroethane	14.204	117	82106	43.188	ug/l	100
87) 1,2-Dichlorobenzene	13.980	146	196779	39.945	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.598	75	35510	40.704	ug/l	98
89) 1,2,4-Trichlorobenzene	15.257	180	93303	40.650	ug/l	97
90) Hexachlorobutadiene	15.368	225	45115	33.540	ug/l	97
91) Naphthalene	15.498	128	368162	51.669	ug/l	99
92) 1,2,3-Trichlorobenzene	15.692	180	96880	41.558	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :

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Client Sample Id :

VSTDICC050

Manual Integrations

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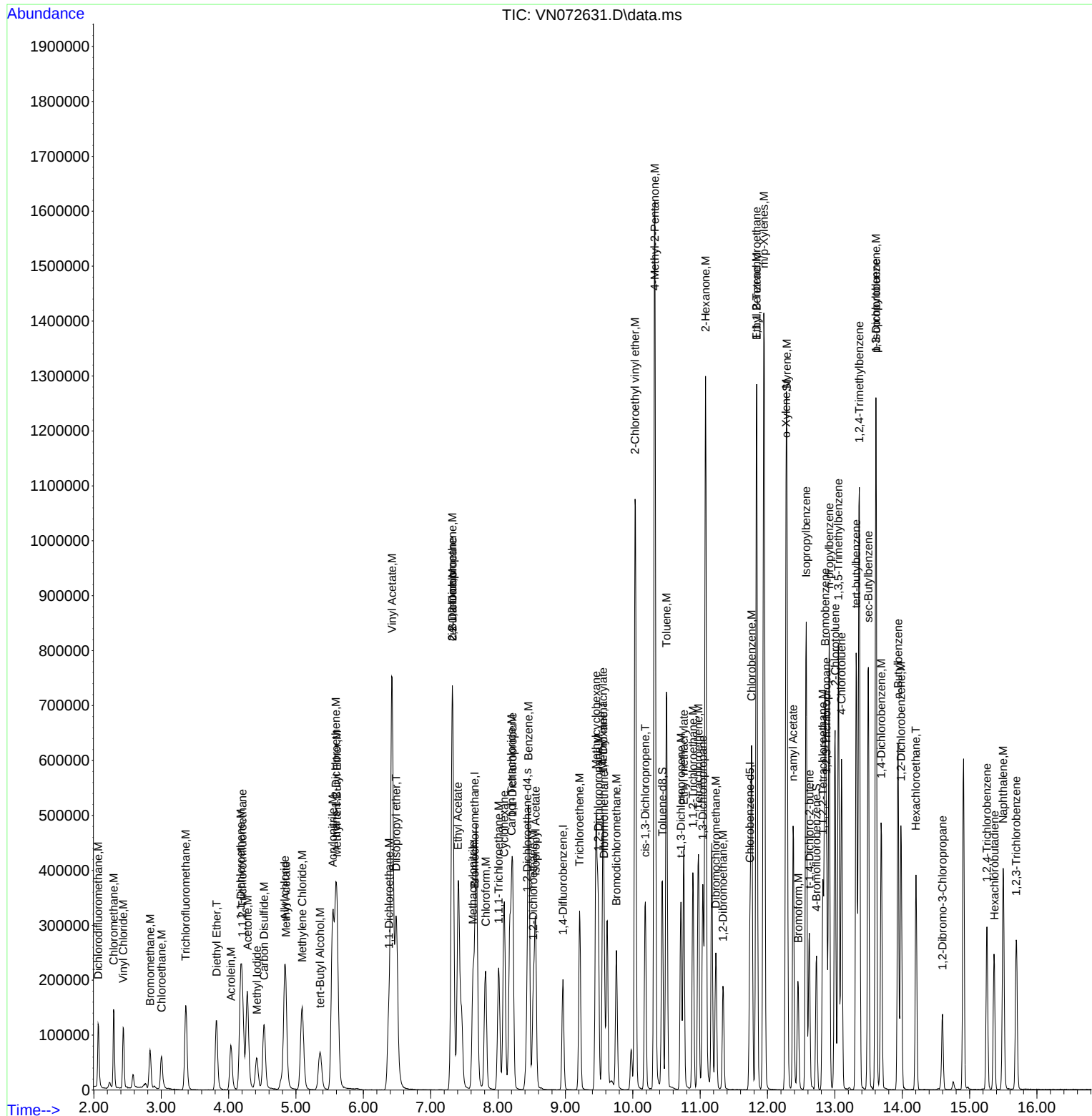
Quant Time: May 26 15:53:40 2022

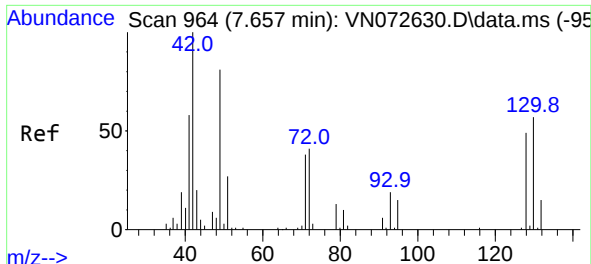
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Thu May 26 15:53:28 2022

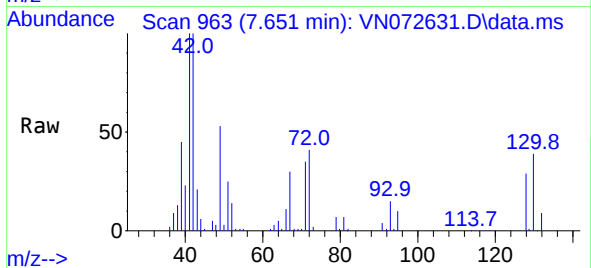
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

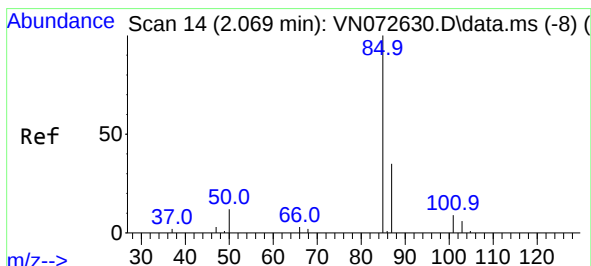
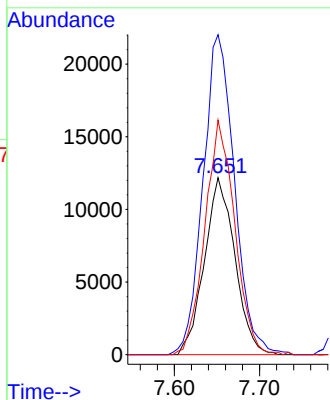
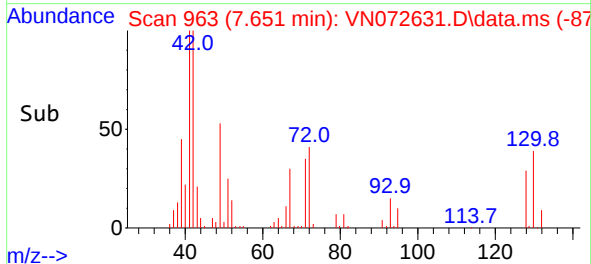
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



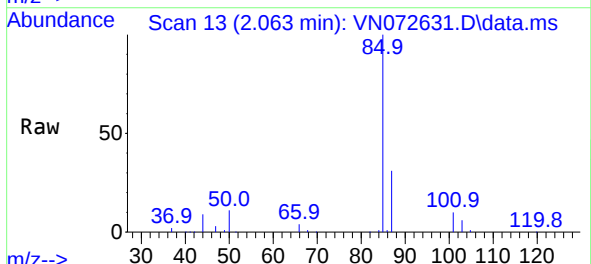
Tgt Ion:128 Resp: 3034
Ion Ratio Lower Upper
128 100
49 186.0 0.0 392.3
130 129.7 0.0 320.2

Manual Integrations
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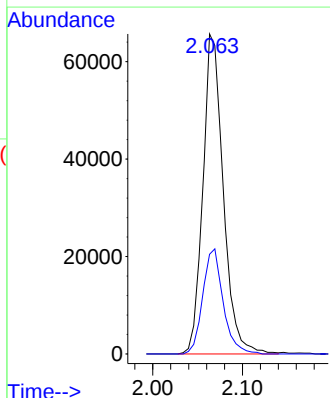
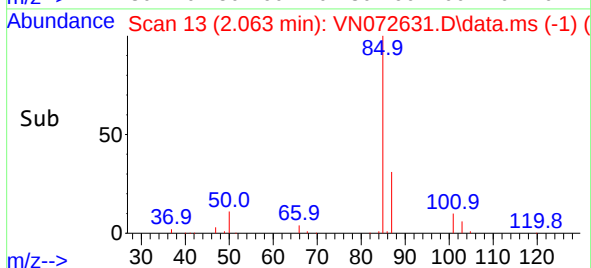
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

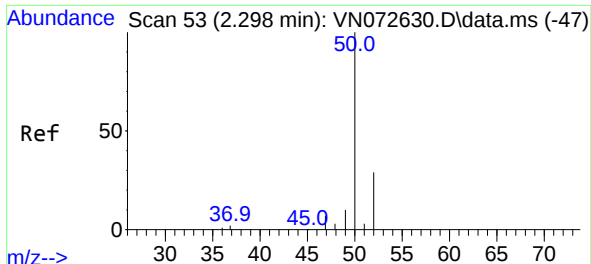


#2
Dichlorodifluoromethane
Concen: 42.485 ug/l
RT: 2.063 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08



Tgt Ion: 85 Resp: 103692
Ion Ratio Lower Upper
85 100
87 31.1 16.6 49.7





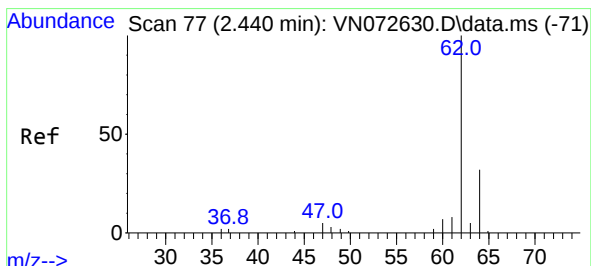
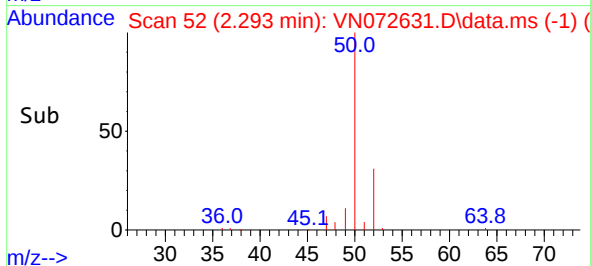
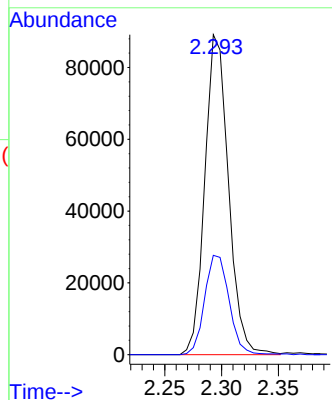
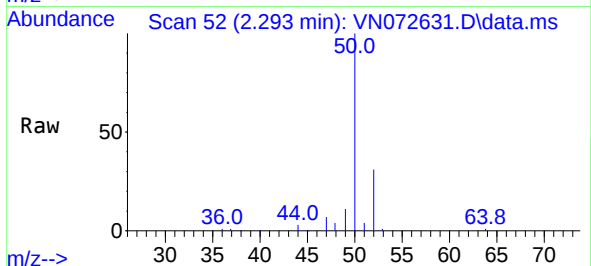
#3
Chloromethane
Concen: 55.347 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 50 Resp: 12924
Ion Ratio Lower Upper
50 100
52 31.0 27.8 41.6

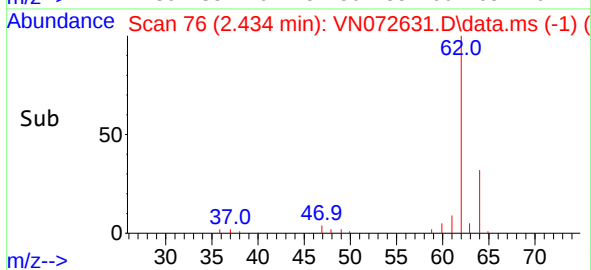
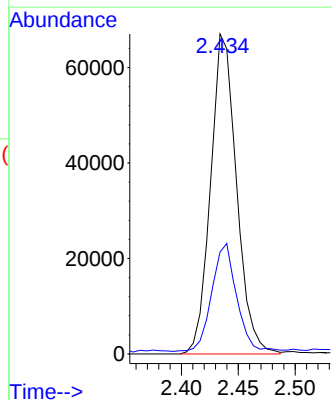
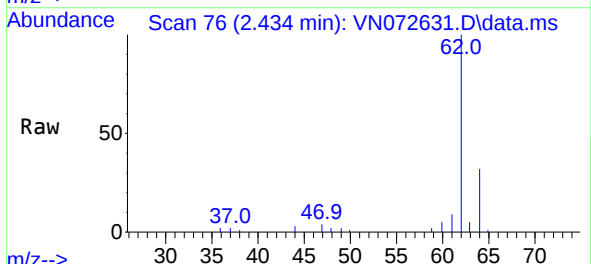
Manual Integrations
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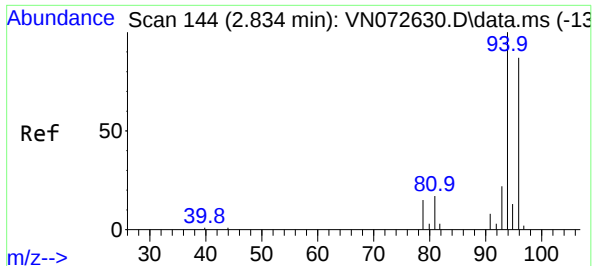
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#4
Vinyl Chloride
Concen: 53.784 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

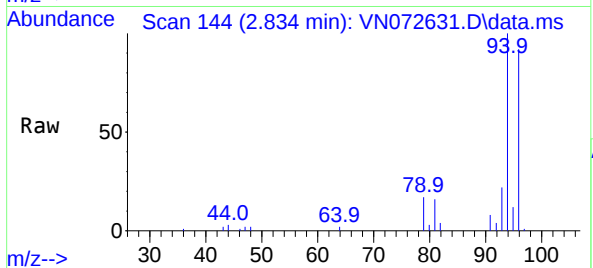
Tgt Ion: 62 Resp: 106627
Ion Ratio Lower Upper
62 100
64 30.8 25.1 37.7





#5
Bromomethane
Concen: 35.804 ug/l
RT: 2.834 min Scan# 144
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

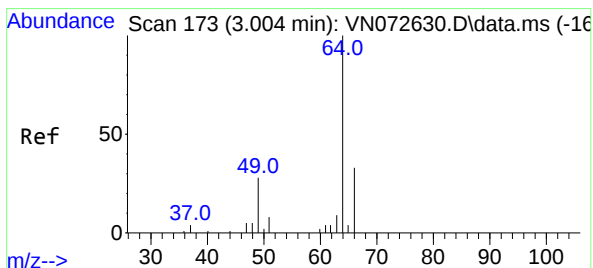
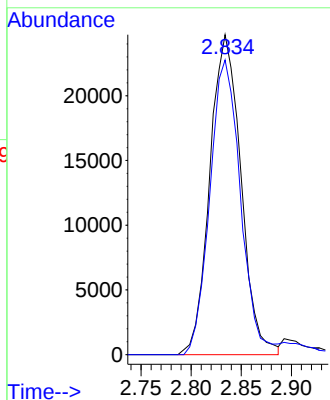
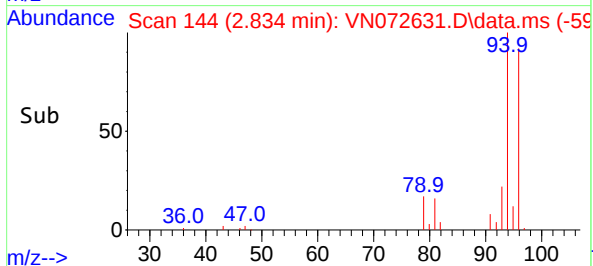
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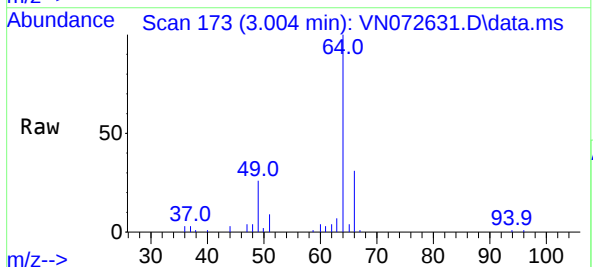
Tgt Ion: 94 Resp: 5326
Ion Ratio Lower Upper
94 100
96 92.1 75.2 112.8

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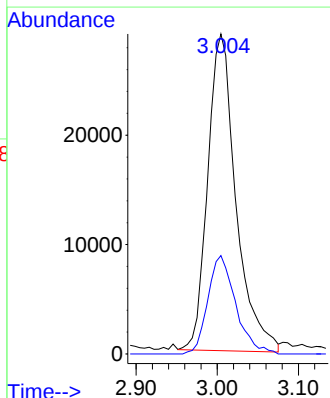
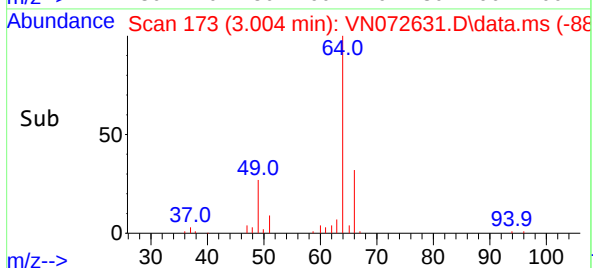
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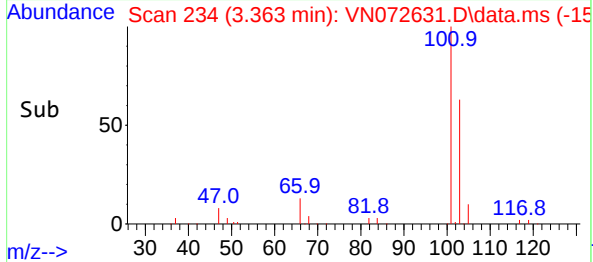
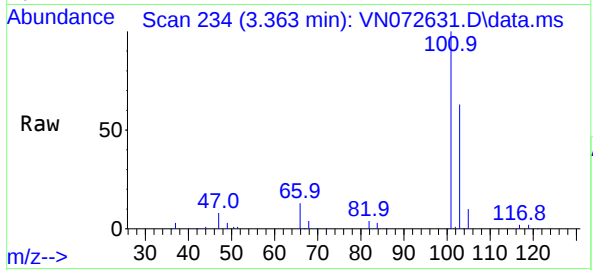
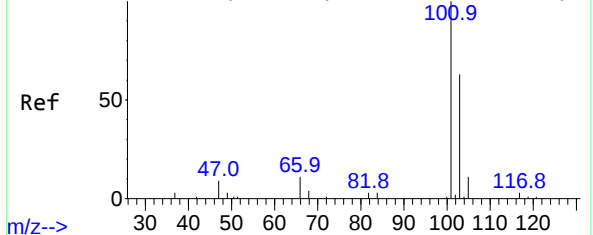
#6
Chloroethane
Concen: 53.772 ug/l
RT: 3.004 min Scan# 173
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08



Tgt Ion: 64 Resp: 70008
Ion Ratio Lower Upper
64 100
66 31.2 24.6 36.8



Abundance Scan 235 (3.369 min): VN072630.D\data.ms (-22



#7
Trichlorofluoromethane
Concen: 40.930 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Tgt Ion:101 Resp: 176362
Ion Ratio Lower Upper
101 100
103 63.4 50.1 75.1

Instrument :

MSVOA_N

ClientSampleId :

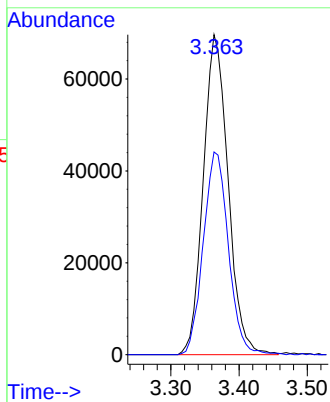
VSTDICC050

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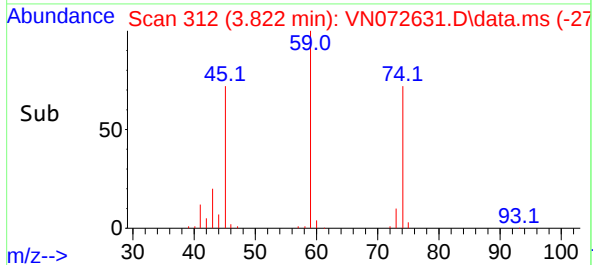
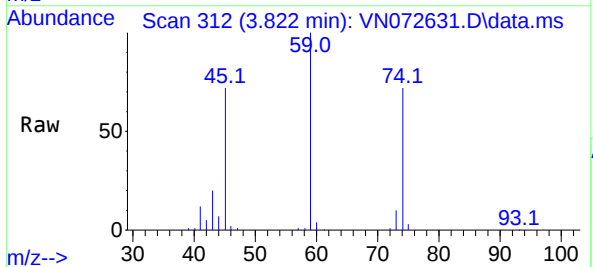
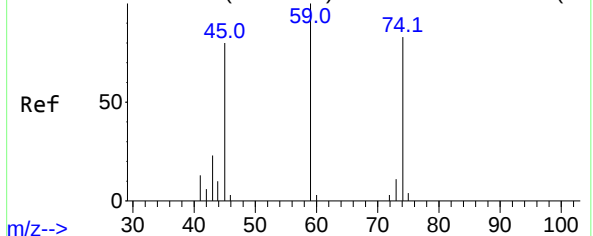
APPROVED

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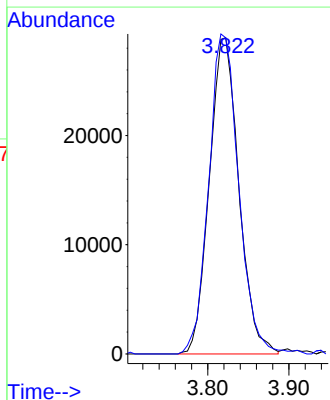


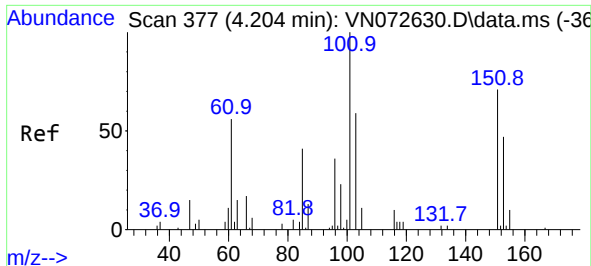
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#8
Diethyl Ether
Concen: 52.028 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Tgt Ion: 74 Resp: 73106
Ion Ratio Lower Upper
74 100
45 102.7 17.6 158.8





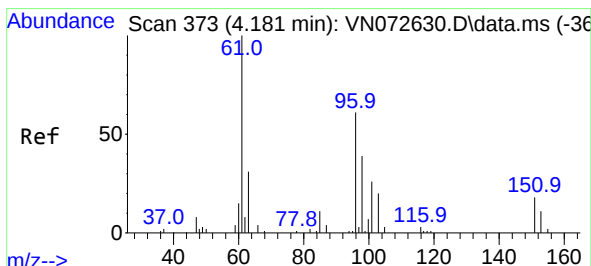
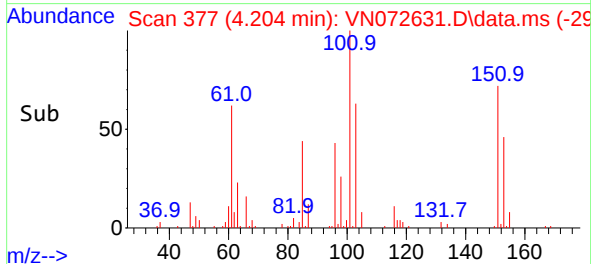
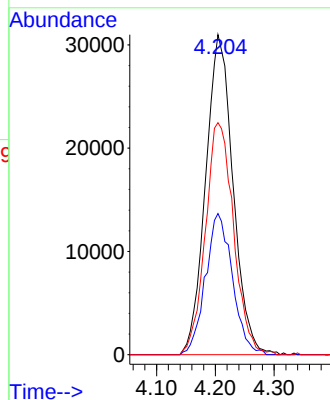
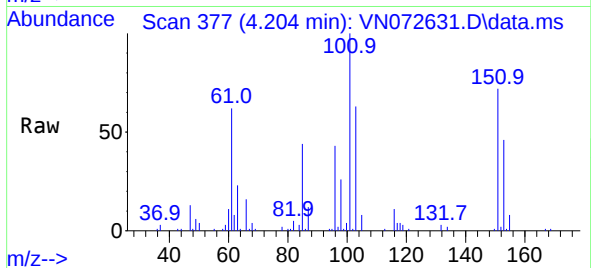
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.673 ug/l
RT: 4.204 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:101 Resp: 100549
Ion Ratio Lower Upper
101 100
85 43.0 0.0 94.0
151 74.3 0.0 74.6

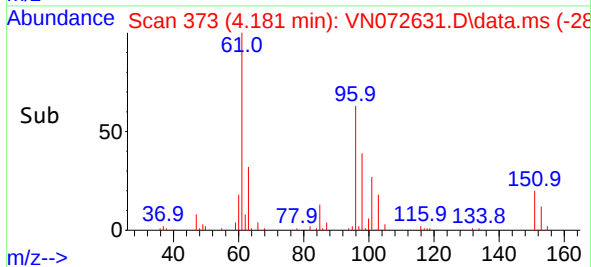
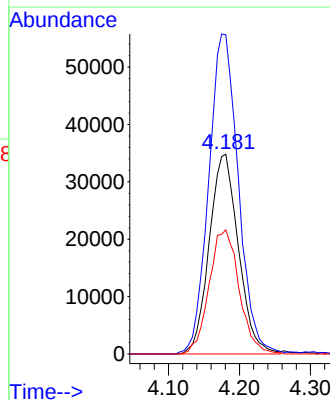
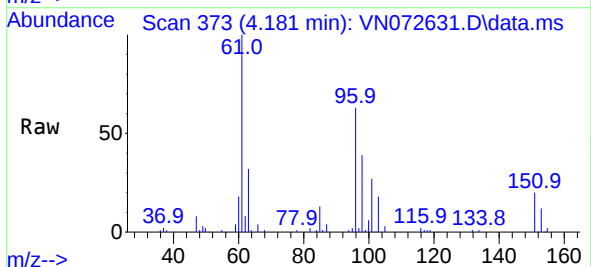
Manual Integrations
APPROVED

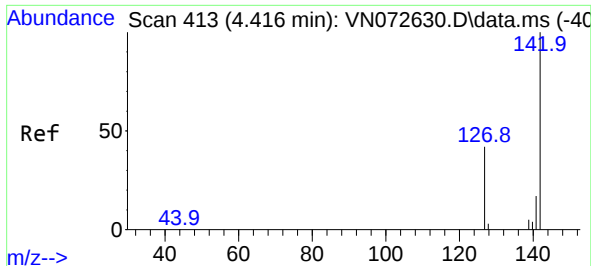
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#10
1,1-Dichloroethene
Concen: 50.758 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Tgt Ion: 96 Resp: 99345
Ion Ratio Lower Upper
96 100
61 158.8 126.2 189.4
98 62.1 50.9 76.3





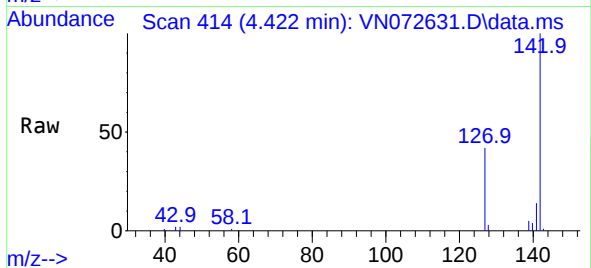
#11
Methyl Iodide
Concen: 38.331 ug/l
RT: 4.422 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050



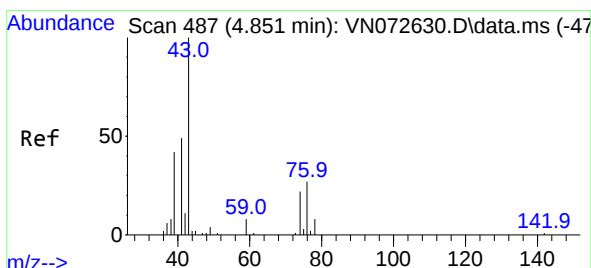
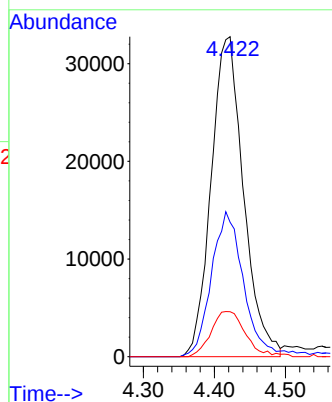
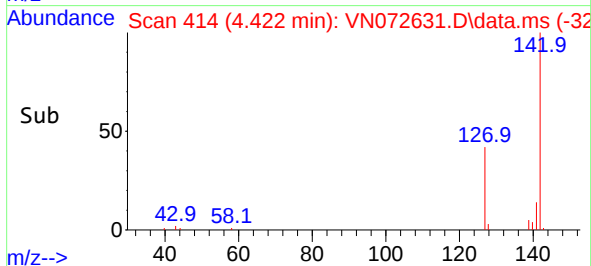
Tgt Ion:142 Resp: 103672
Ion Ratio Lower Upper
142 100
127 41.6 24.0 72.0
141 13.8 8.4 25.2

Manual Integrations

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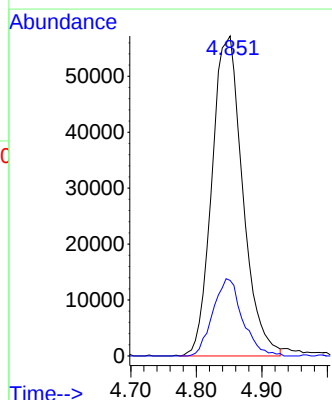
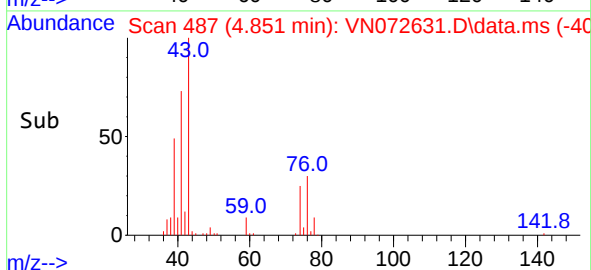
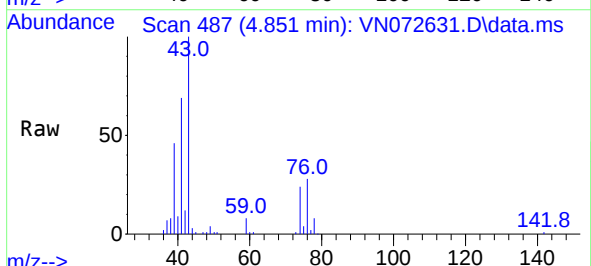
Reviewed By :John Carlone 05/27/2022

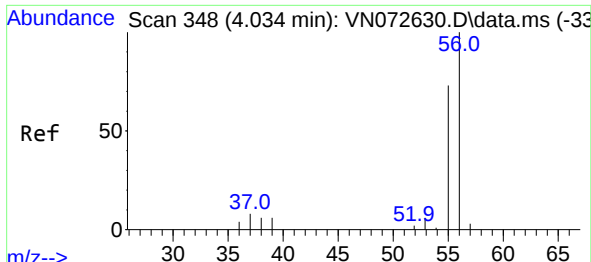
Supervised By :Mahesh Dadoda 05/27/2022



#12
Methyl Acetate
Concen: 57.793 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

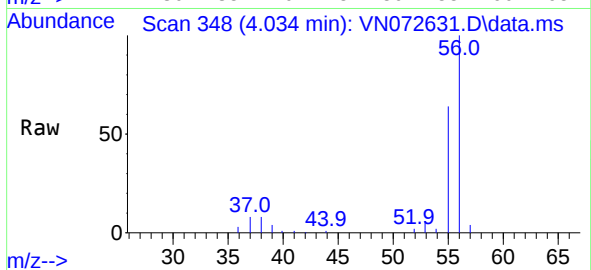
Tgt Ion: 43 Resp: 186584
Ion Ratio Lower Upper
43 100
74 23.5 20.8 31.2





#13
Acrolein
Concen: 222.793 ug/l
RT: 4.034 min Scan# 348
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

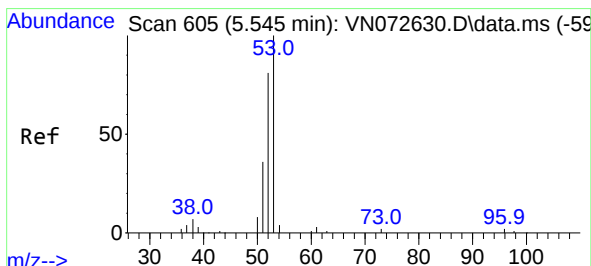
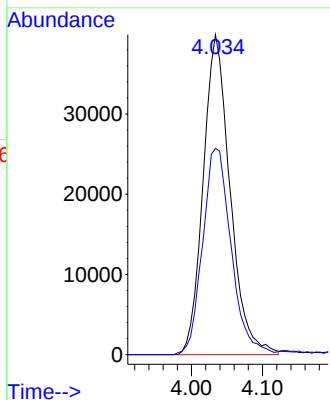
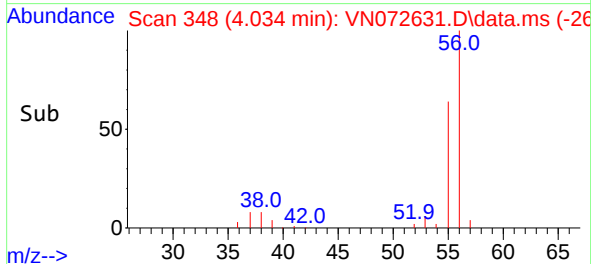
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



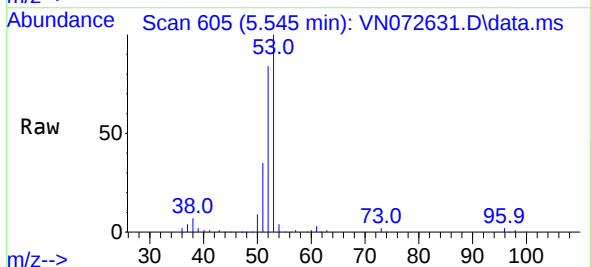
Tgt Ion: 56 Resp: 105015
Ion Ratio Lower Upper
56 100
55 68.3 57.6 86.4

Manual Integrations
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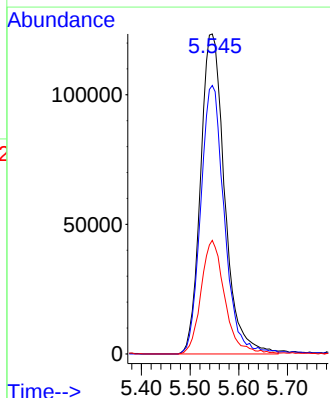
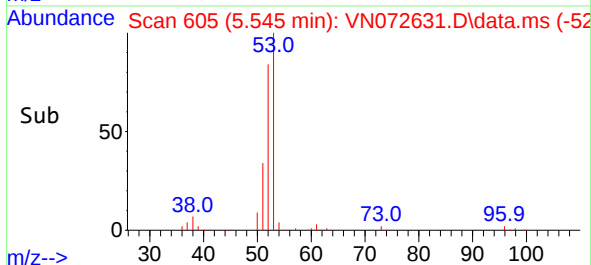
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

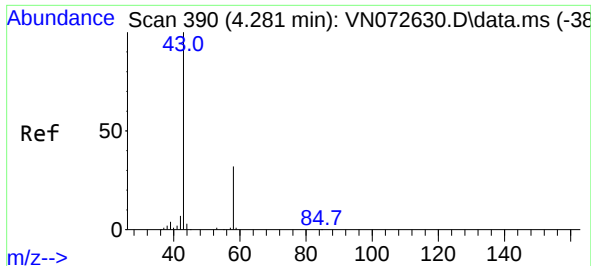


#14
Acrylonitrile
Concen: 304.655 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08



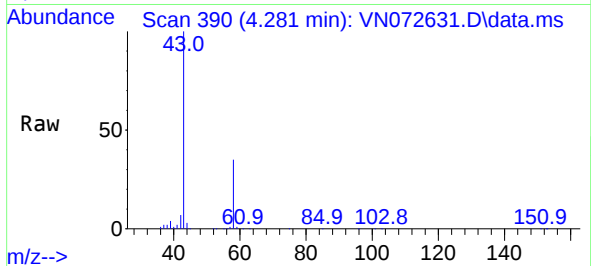
Tgt Ion: 53 Resp: 424363
Ion Ratio Lower Upper
53 100
52 81.3 41.8 125.4
51 33.8 19.0 57.0





#15
Acetone
Concen: 291.246 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

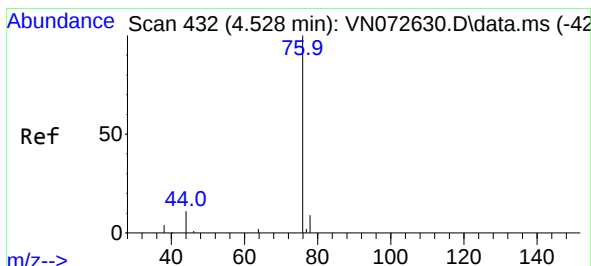
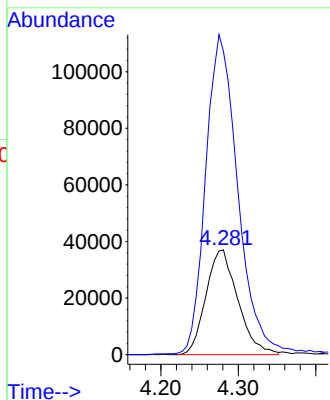
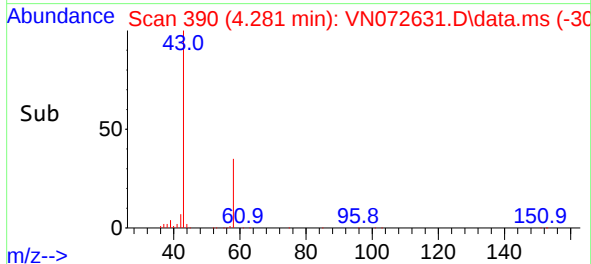
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



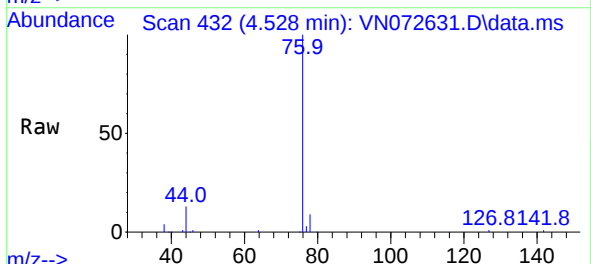
Tgt Ion: 58 Resp: 106162
Ion Ratio Lower Upper
58 100
43 287.8 256.6 384.8

Manual Integrations
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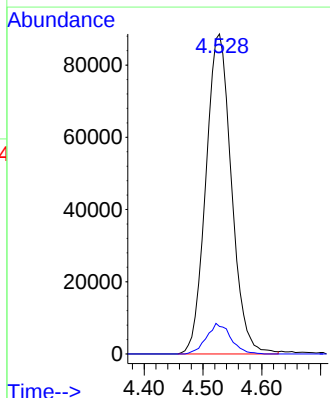
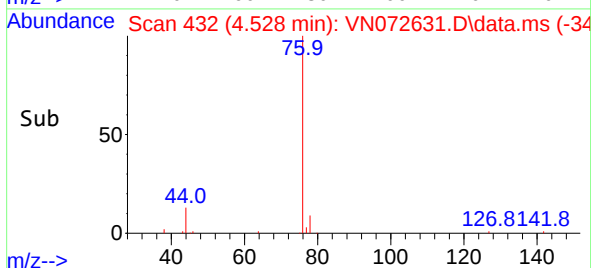
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

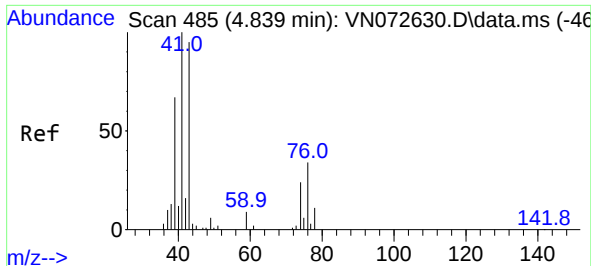


#16
Carbon Disulfide
Concen: 52.743 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08



Tgt Ion: 76 Resp: 267792
Ion Ratio Lower Upper
76 100
78 8.6 7.8 11.8





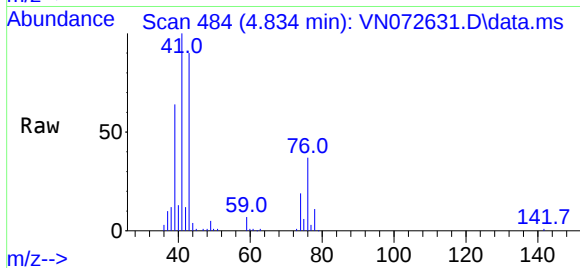
#17
 Allyl chloride
 Concen: 56.606 ug/l
 RT: 4.834 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN072631.D
 Acq: 26 May 2022 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

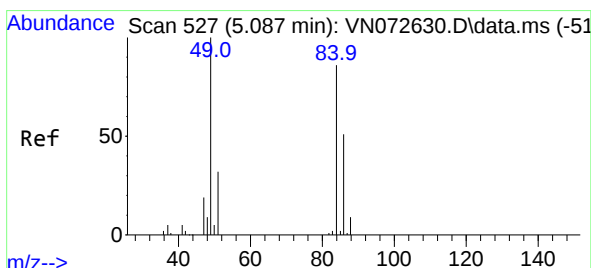
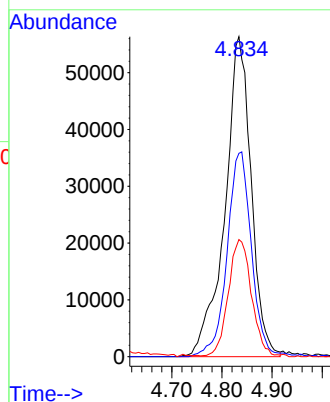
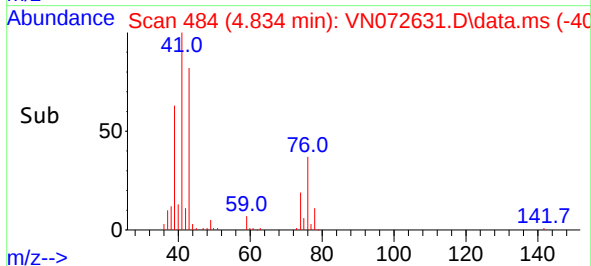


Tgt Ion: 41 Resp: 20446
 Ion Ratio Lower Upper
 41 100
 39 63.5 44.6 134.0
 76 36.3 19.6 58.7

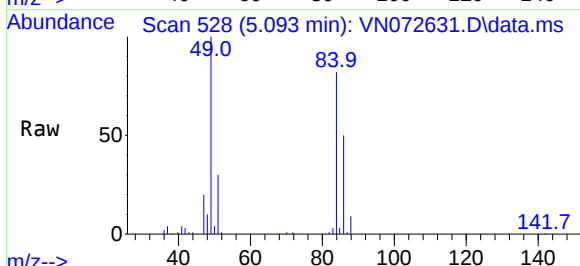
Manual Integrations

APPROVED

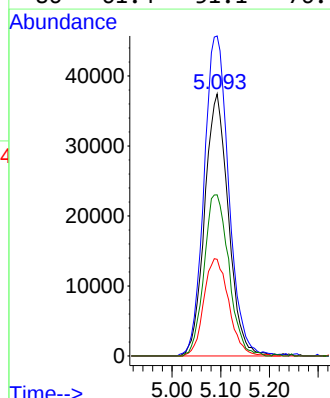
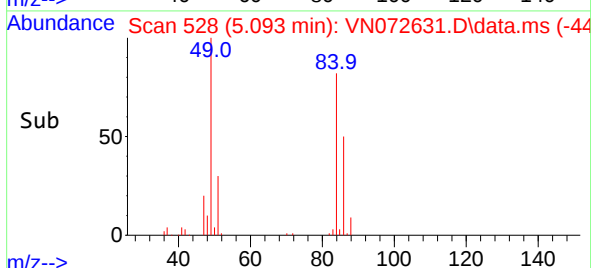
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022

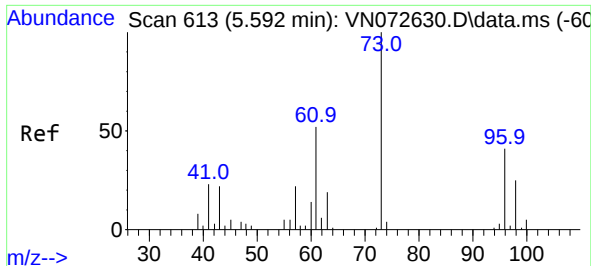


#18
 Methylene Chloride
 Concen: 53.640 ug/l
 RT: 5.093 min Scan# 528
 Delta R.T. 0.006 min
 Lab File: VN072631.D
 Acq: 26 May 2022 15:08



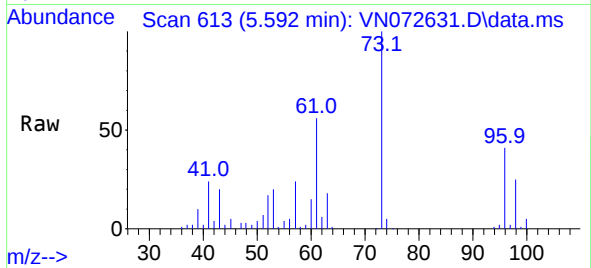
Tgt Ion: 84 Resp: 127041
 Ion Ratio Lower Upper
 84 100
 49 121.4 91.4 137.0
 51 36.9 29.4 44.0
 86 61.4 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 51.276 ug/l
RT: 5.592 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

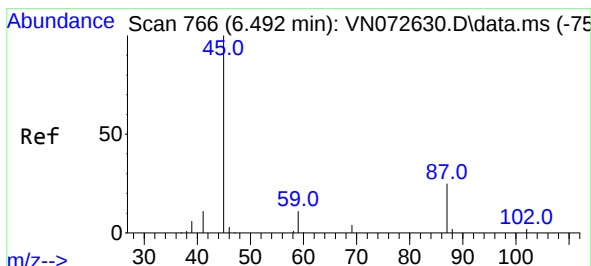
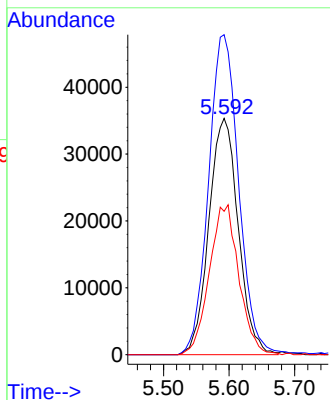
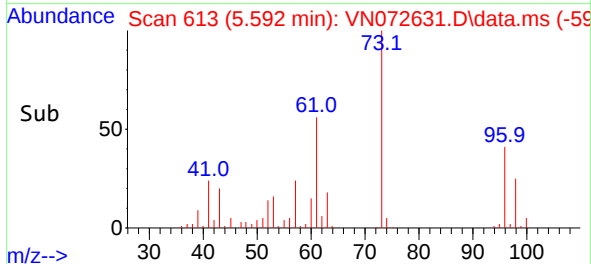
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



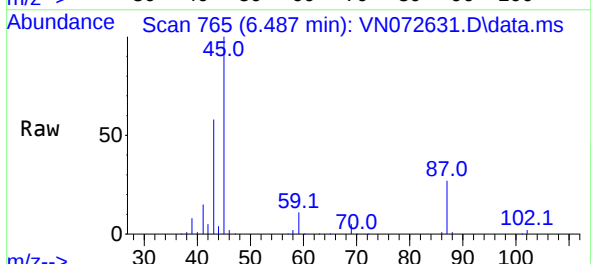
Tgt Ion: 96 Resp: 11016
Ion Ratio Lower Upper
96 100
61 135.4 102.8 154.2
98 60.7 49.3 73.9

Manual Integrations
APPROVED

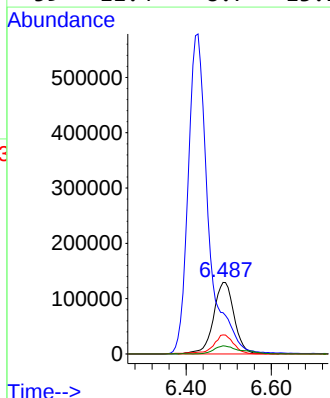
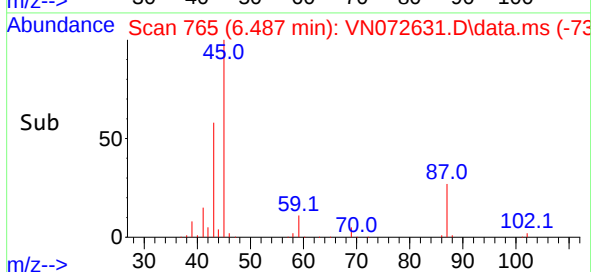
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

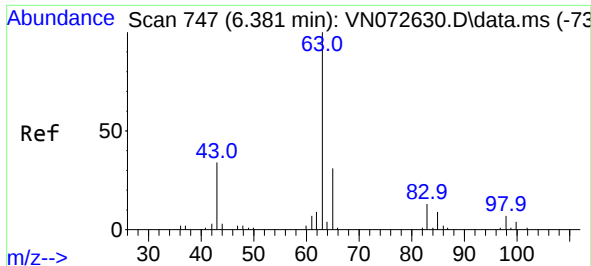


#20
Diisopropyl ether
Concen: 57.513 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08



Tgt Ion: 45 Resp: 435566
Ion Ratio Lower Upper
45 100
43 56.3 51.0 76.4
87 26.6 25.0 37.4
59 11.4 8.7 13.1





#21

1,1-Dichloroethane

Concen: 51.045 ug/l

RT: 6.381 min Scan# 74

Delta R.T. 0.000 min

Lab File: VN072631.D

Acq: 26 May 2022 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 223289

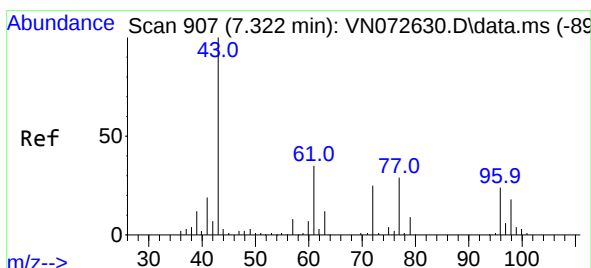
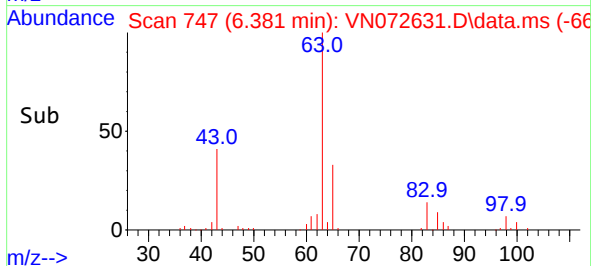
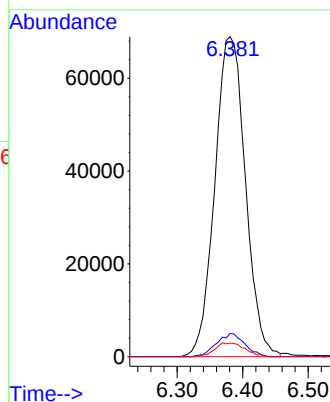
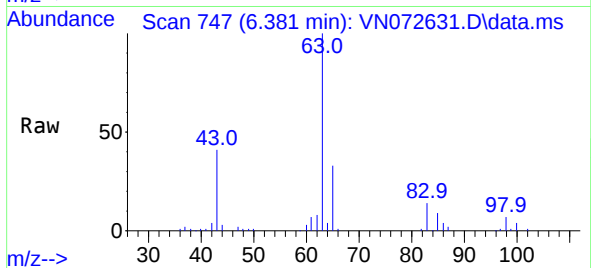
Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.2	9.6
100	4.3	2.1	6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#22

cis-1,2-Dichloroethene

Concen: 52.613 ug/l

RT: 7.322 min Scan# 907

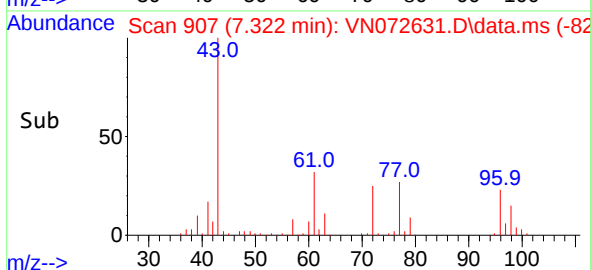
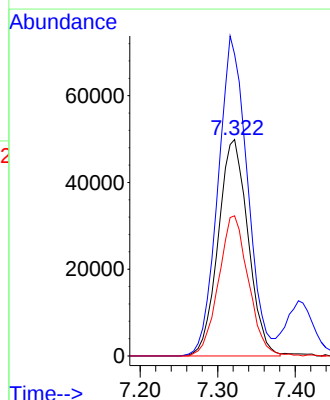
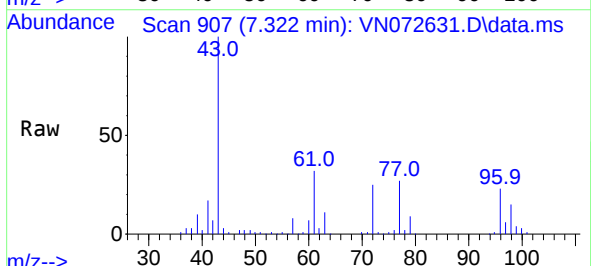
Delta R.T. 0.000 min

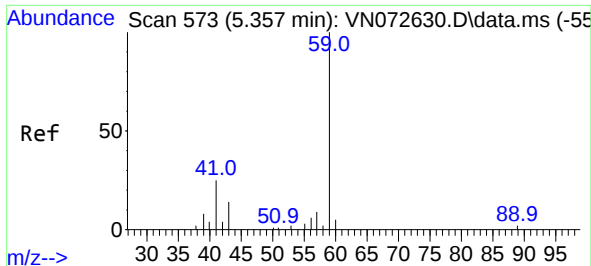
Lab File: VN072631.D

Acq: 26 May 2022 15:08

Tgt Ion: 96 Resp: 133637

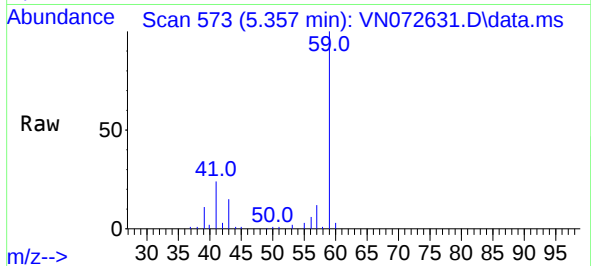
Ion	Ratio	Lower	Upper
96	100		
61	145.9	115.7	173.5
98	64.4	51.6	77.4





#23
tert-Butyl Alcohol
Concen: 229.853 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

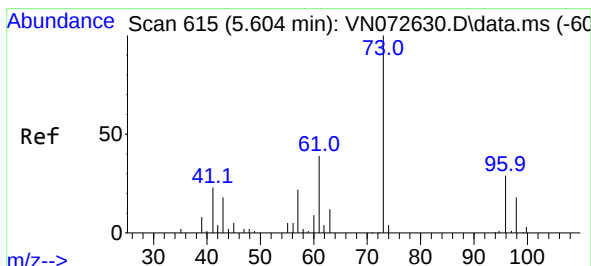
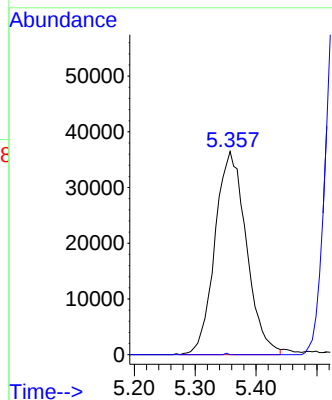
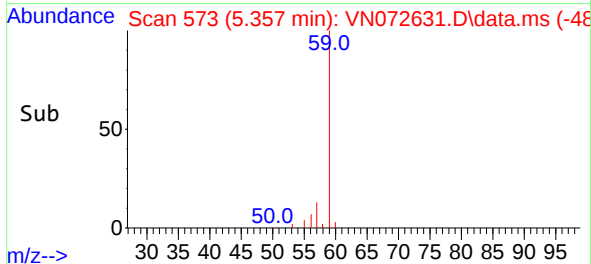
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



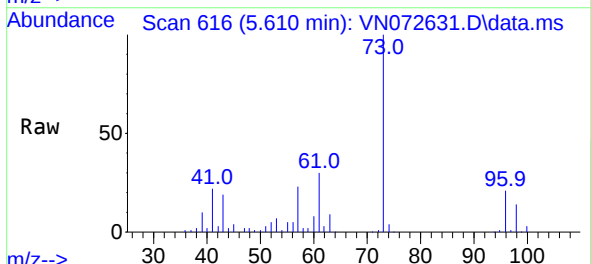
Tgt Ion: 59 Resp: 130719
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

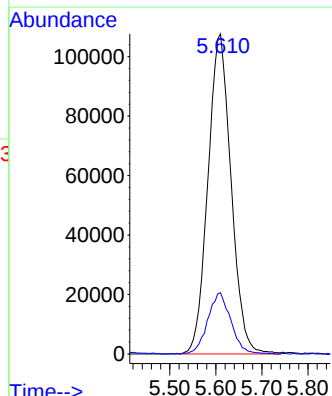
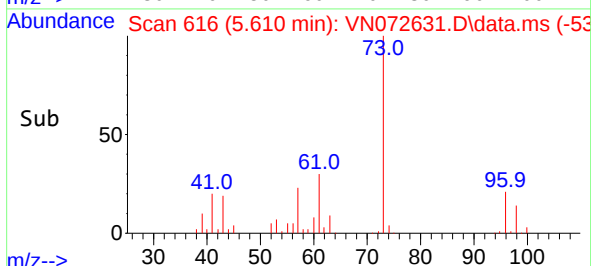
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

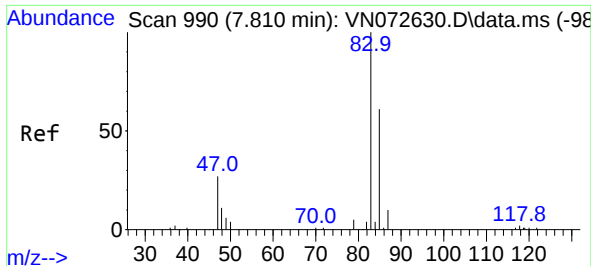


#24
Methyl tert-Butyl Ether
Concen: 48.025 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08



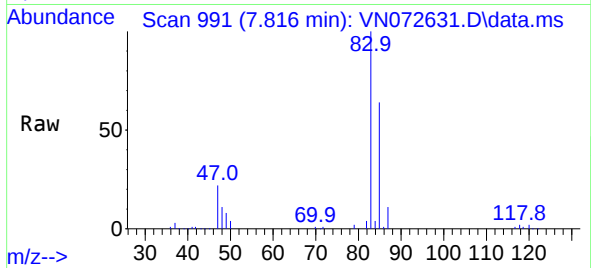
Tgt Ion: 73 Resp: 376134
Ion Ratio Lower Upper
73 100
43 18.5 18.1 27.1





#25
Chloroform
Concen: 47.667 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

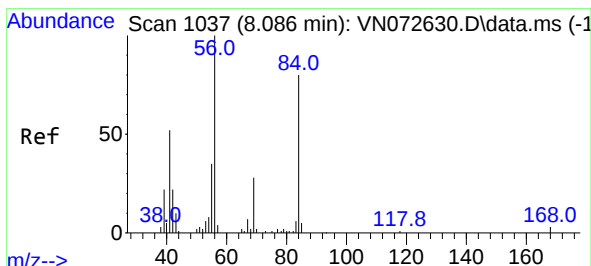
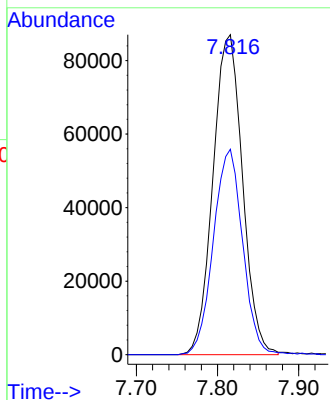
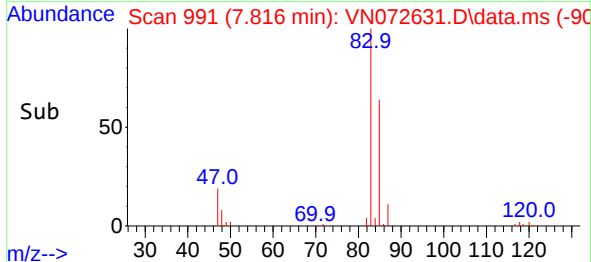
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



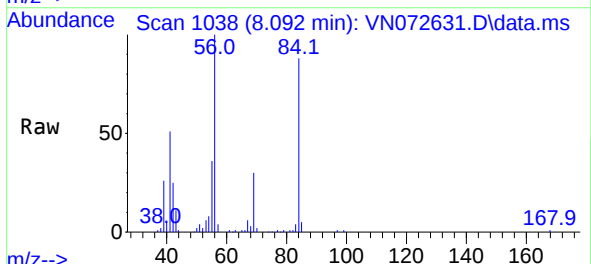
Tgt Ion: 83 Resp: 220335
Ion Ratio Lower Upper
83 100
85 64.2 51.3 76.9

Manual Integrations
APPROVED

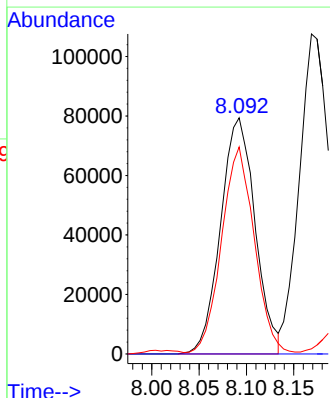
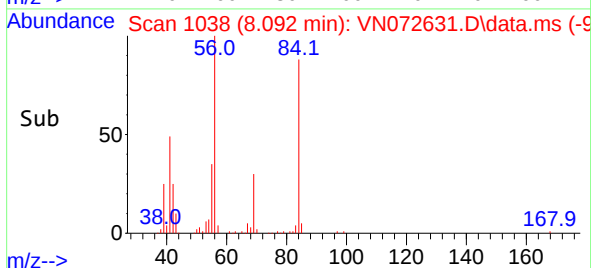
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

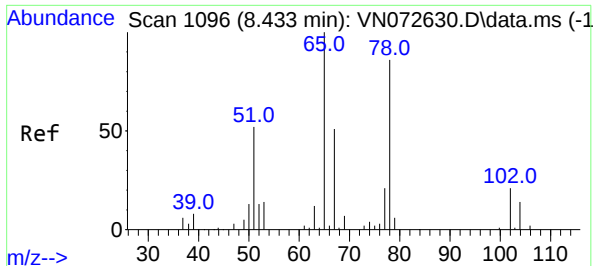


#26
Cyclohexane
Concen: 55.654 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08



Tgt Ion: 56 Resp: 201525
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 83.6 74.6 111.8





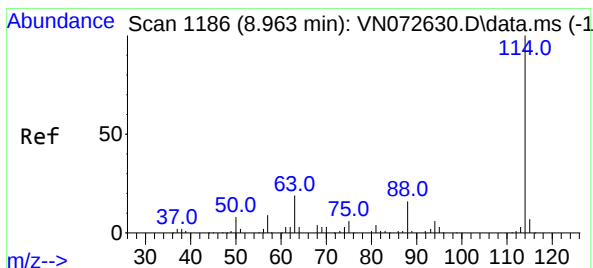
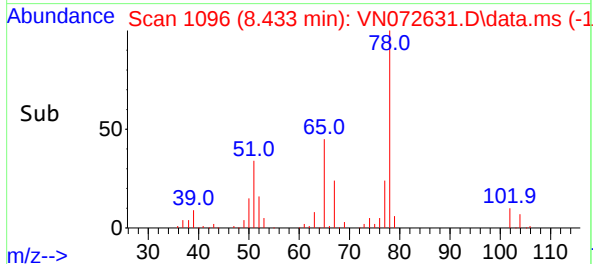
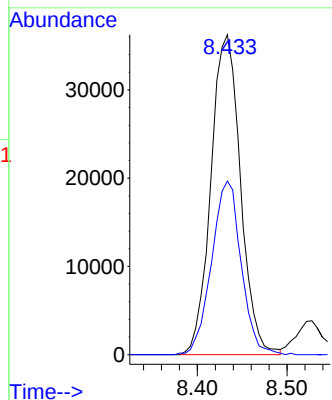
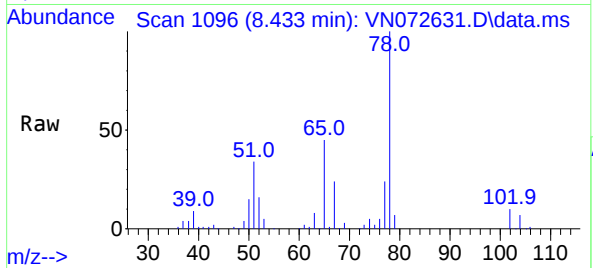
#27
1,2-Dichloroethane-d4
Concen: 25.718 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 65 Resp: 83150
Ion Ratio Lower Upper
65 100
67 54.0 40.2 60.2

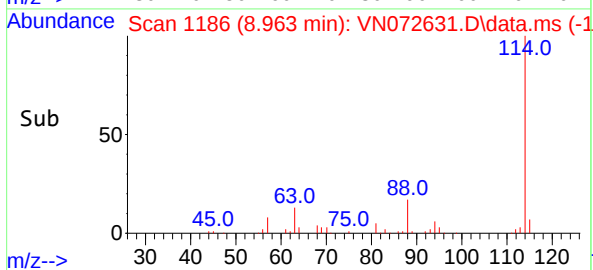
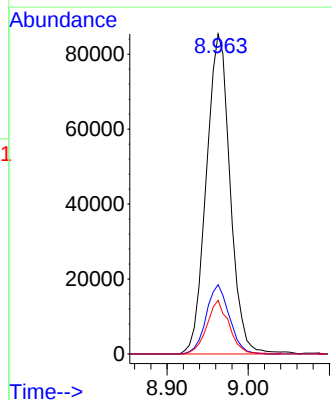
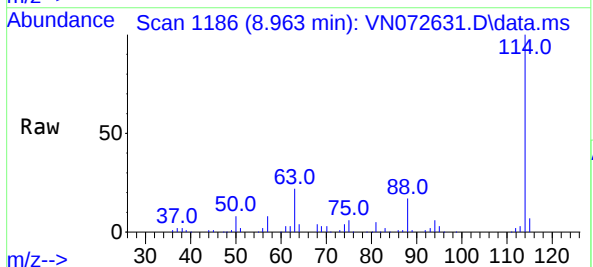
Manual Integrations
APPROVED

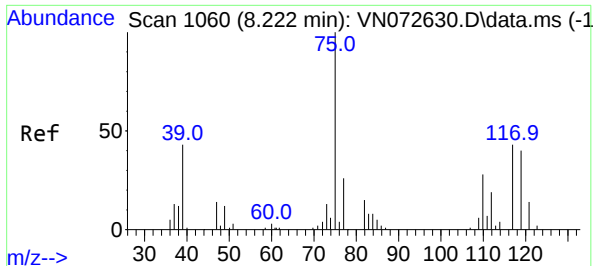
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Tgt Ion:114 Resp: 173728
Ion Ratio Lower Upper
114 100
63 21.0 15.8 23.6
88 15.6 11.6 17.4





#29
1,1-Dichloropropene
Concen: 45.803 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Instrument :

MSVOA_N

ClientSampleId :

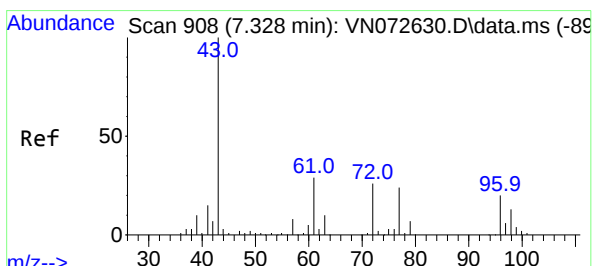
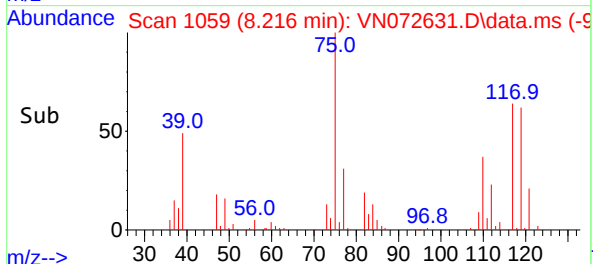
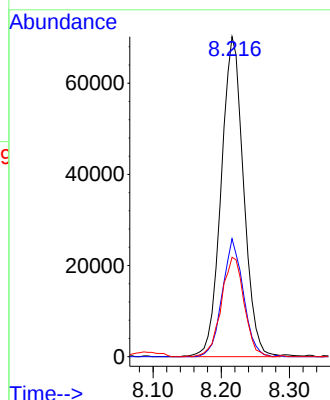
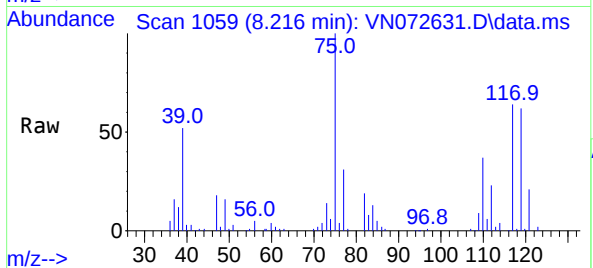
VSTDIC050

Tgt Ion: 75 Resp: 160359
Ion Ratio Lower Upper
75 100
110 34.4 0.0 74.2
77 31.6 0.0 63.2

Manual Integrations

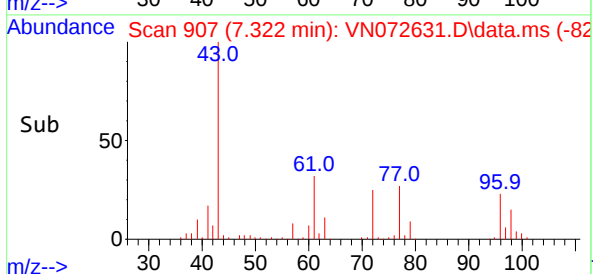
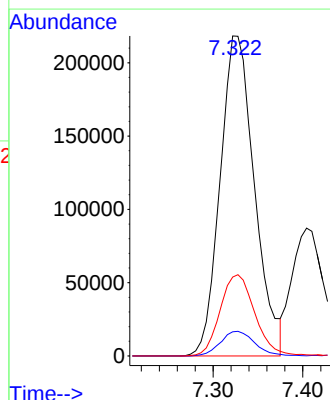
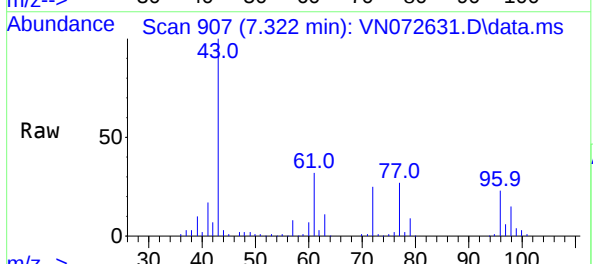
APPROVED

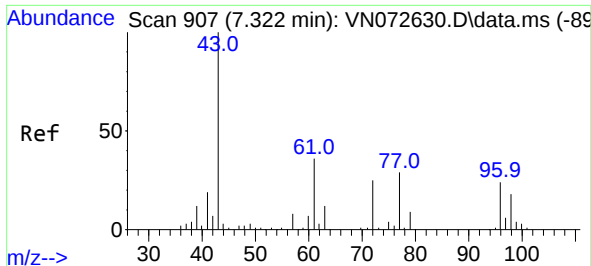
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#30
2-Butanone
Concen: 276.730 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

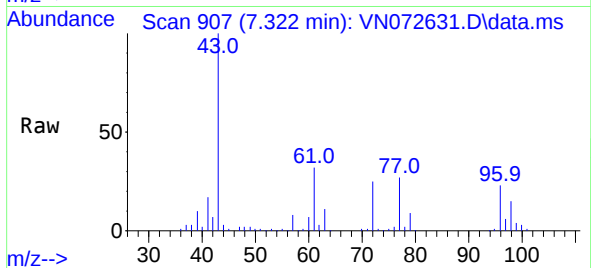
Tgt Ion: 43 Resp: 581667
Ion Ratio Lower Upper
43 100
57 7.7 6.7 10.1
72 25.6 23.2 34.8





#31
2,2-Dichloropropane
Concen: 41.190 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

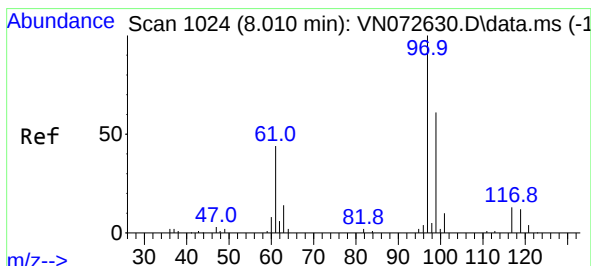
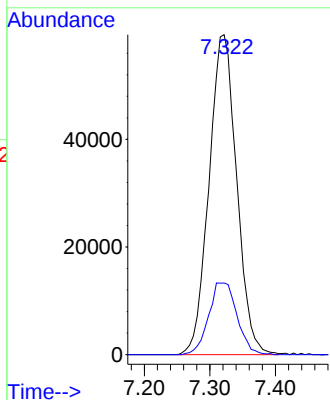
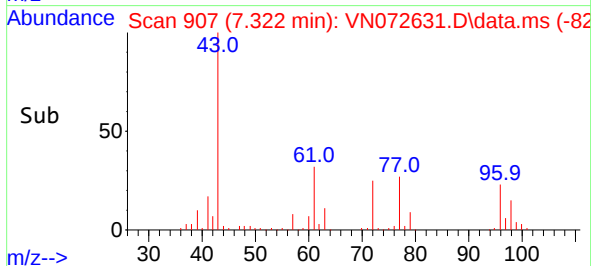
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



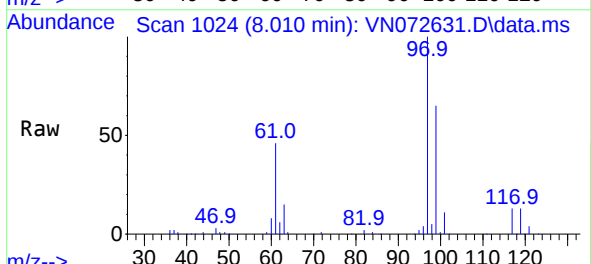
Tgt Ion: 77 Resp: 174030
Ion Ratio Lower Upper
77 100
97 11.0 18.3 27.5

Manual Integrations
APPROVED

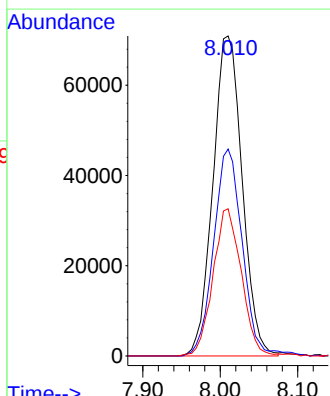
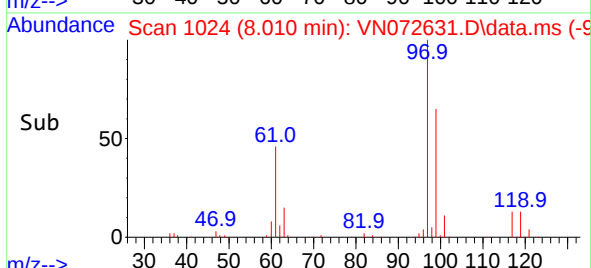
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

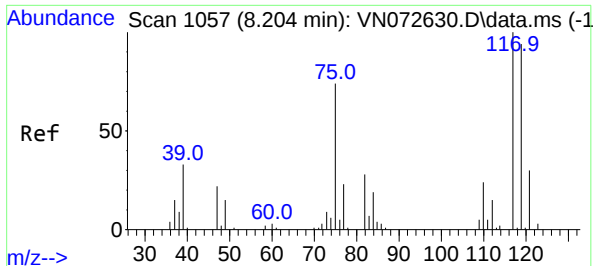


#32
1,1,1-Trichloroethane
Concen: 39.074 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08



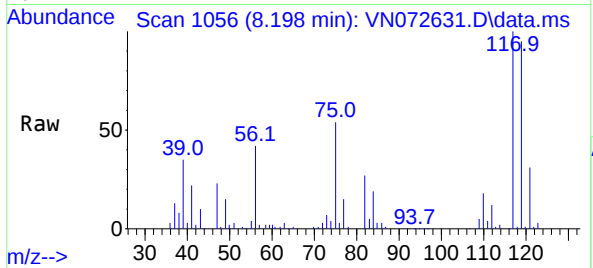
Tgt Ion: 97 Resp: 186474
Ion Ratio Lower Upper
97 100
99 62.3 50.4 75.6
61 44.3 34.6 51.8





#33
Carbon Tetrachloride
Concen: 37.456 ug/l
RT: 8.198 min Scan# 1098
Delta R.T. -0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

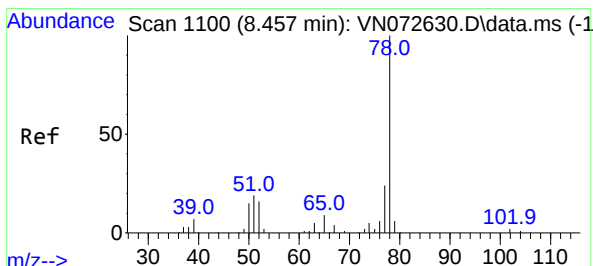
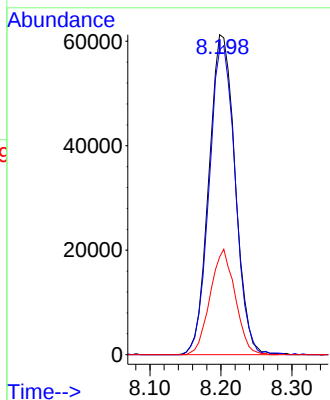
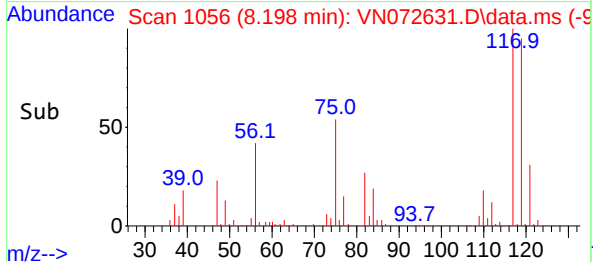
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



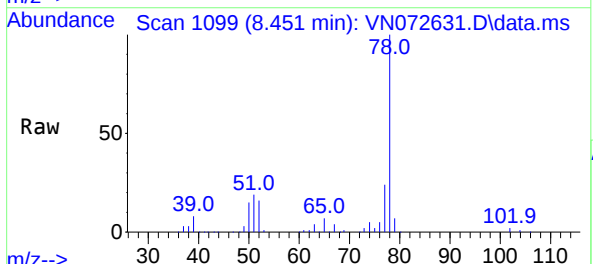
Tgt Ion:117 Resp: 15703
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3
121 30.5 23.5 35.3

Manual Integrations
APPROVED

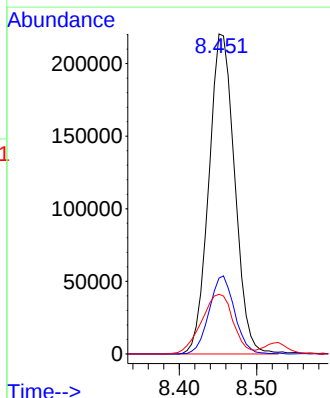
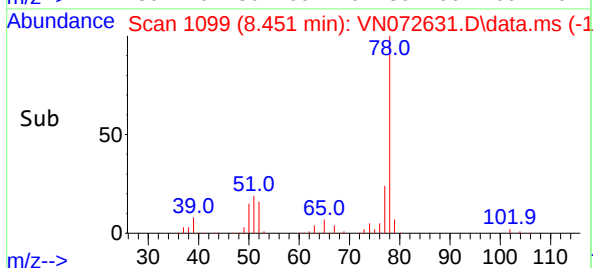
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

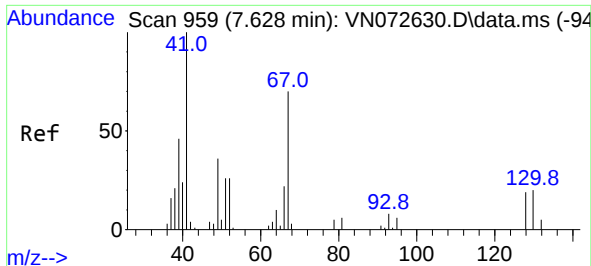


#34
Benzene
Concen: 50.444 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08



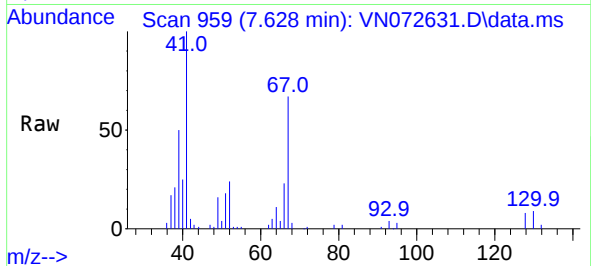
Tgt Ion: 78 Resp: 511019
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7
51 18.2 16.0 24.0





#35
Methacrylonitrile
Concen: 52.316 ug/l
RT: 7.628 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

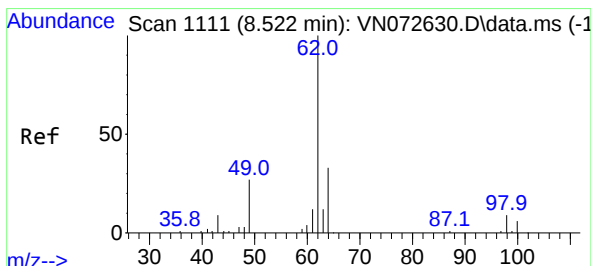
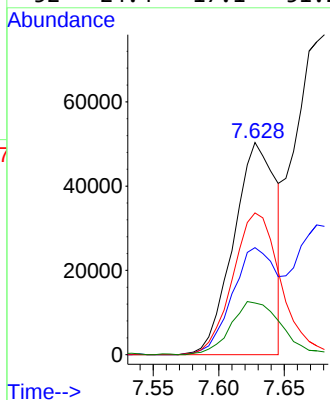
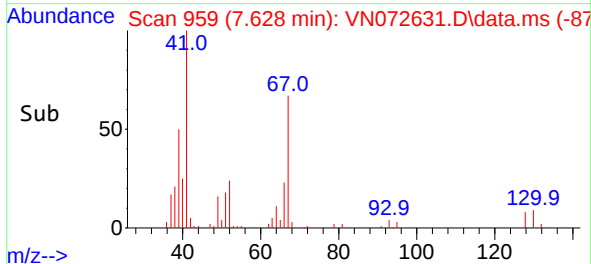
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



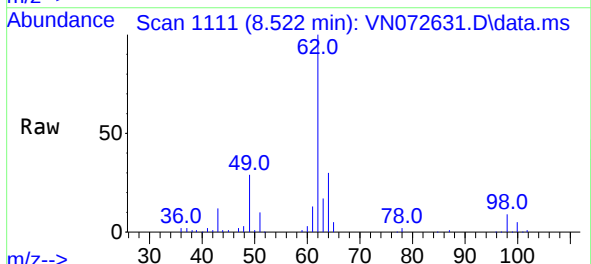
Tgt Ion: 41 Resp: 11327
Ion Ratio Lower Upper
41 100
39 50.4 28.0 83.9
67 66.8 37.7 113.1
52 24.4 17.1 51.2

Manual Integrations
APPROVED

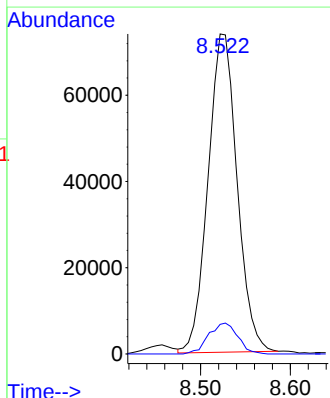
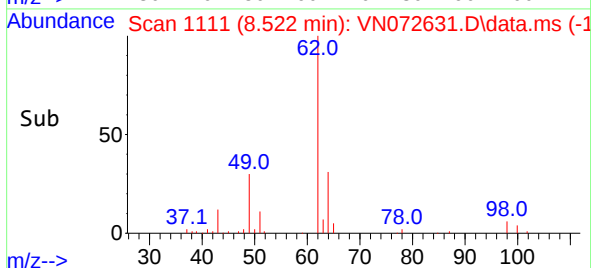
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

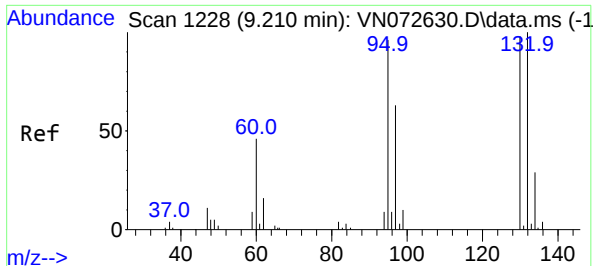


#36
1,2-Dichloroethane
Concen: 37.893 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08



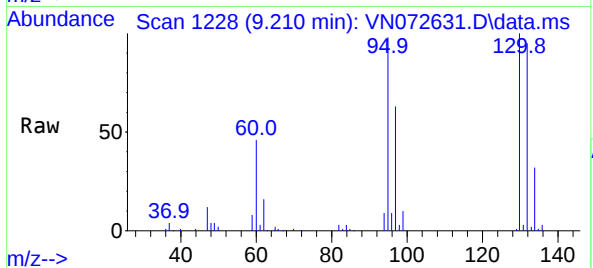
Tgt Ion: 62 Resp: 166085
Ion Ratio Lower Upper
62 100
98 9.8 6.6 10.0





#37
Trichloroethene
Concen: 44.621 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

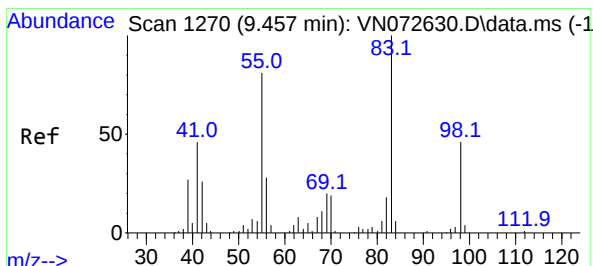
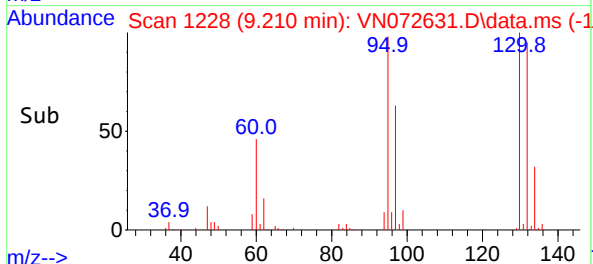
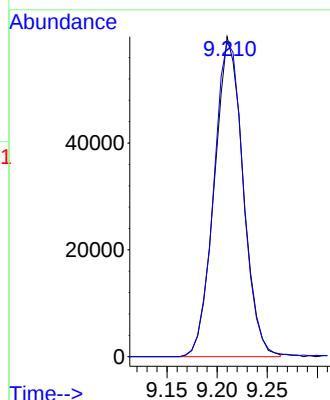
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:130 Resp: 119039
Ion Ratio Lower Upper
130 100
95 98.1 76.6 115.0

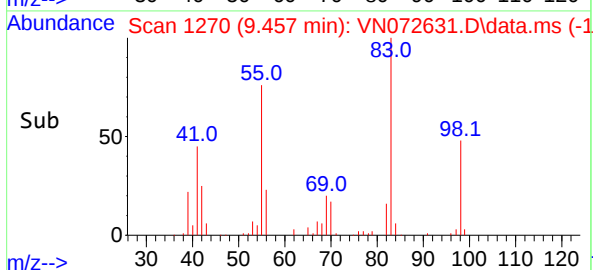
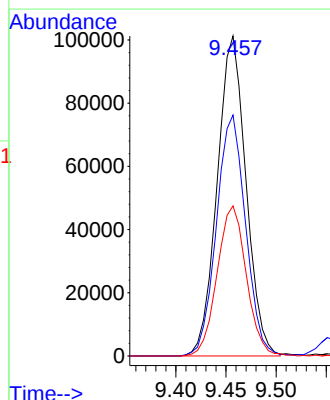
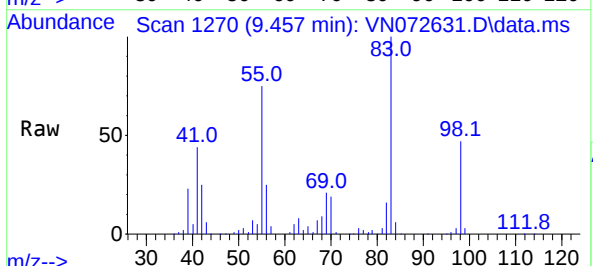
Manual Integrations
APPROVED

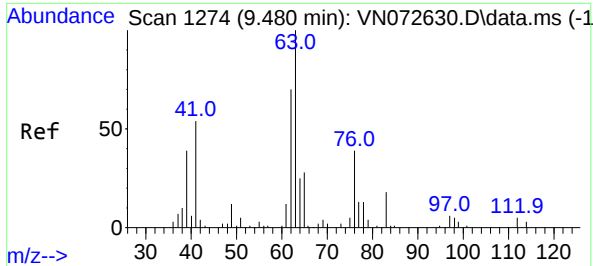
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#38
Methylcyclohexane
Concen: 49.659 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Tgt Ion: 83 Resp: 202100
Ion Ratio Lower Upper
83 100
55 76.1 35.1 105.3
98 47.5 23.4 70.2





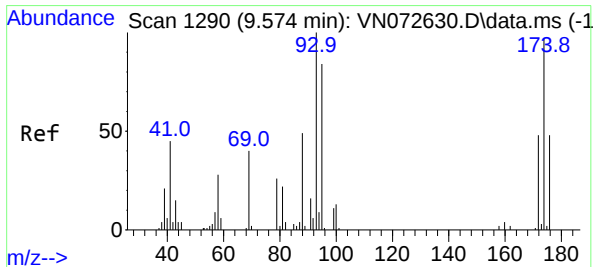
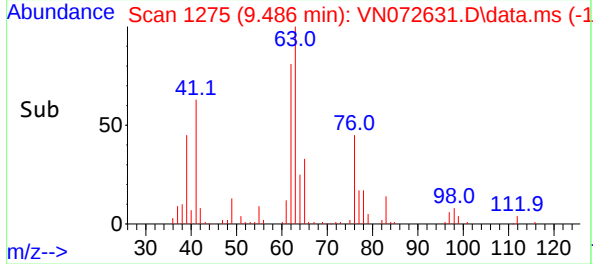
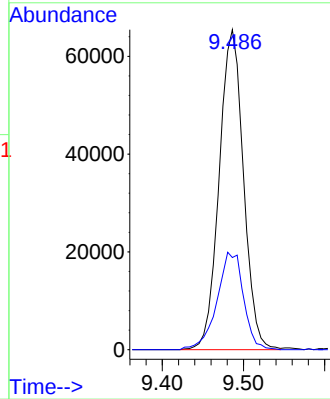
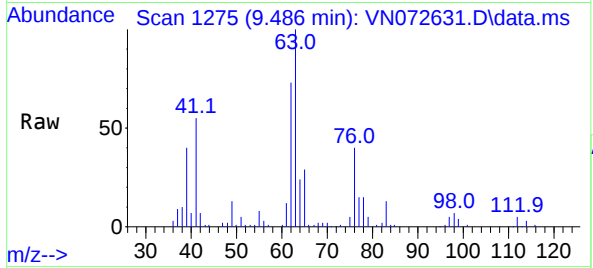
#39
1,2-Dichloropropane
Concen: 52.863 ug/l
RT: 9.486 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 13605
Ion Ratio Lower Upper
63 100
65 28.8 24.2 36.4

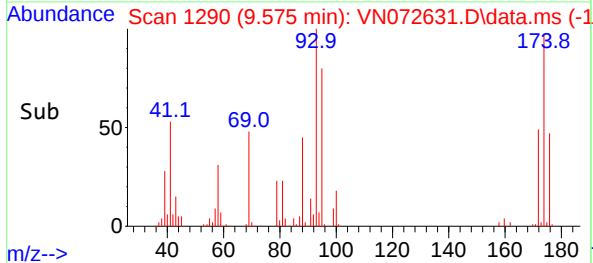
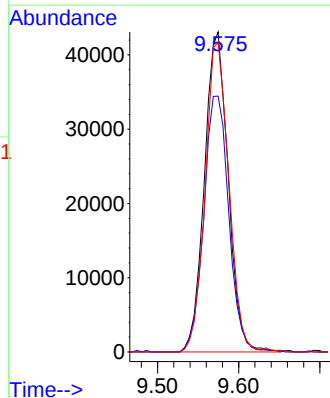
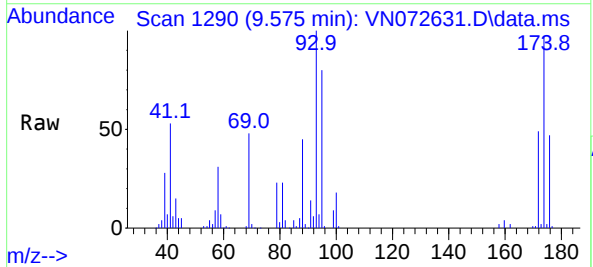
Manual Integrations
APPROVED

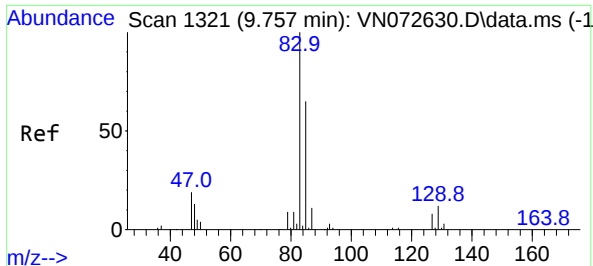
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#40
Dibromomethane
Concen: 45.839 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Tgt Ion: 93 Resp: 87332
Ion Ratio Lower Upper
93 100
95 84.4 0.0 168.8
174 96.2 0.0 173.6





#41
Bromodichloromethane
Concen: 43.360 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Instrument :

MSVOA_N

ClientSampleId :

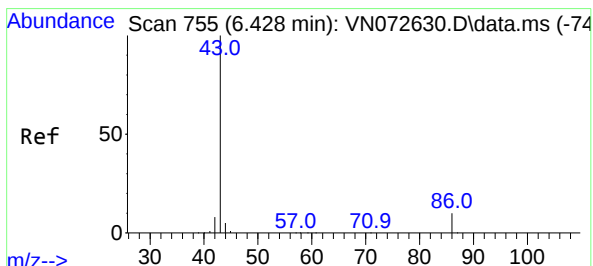
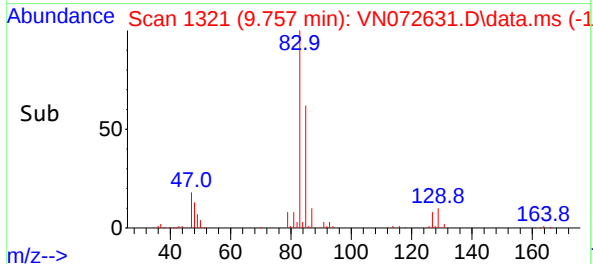
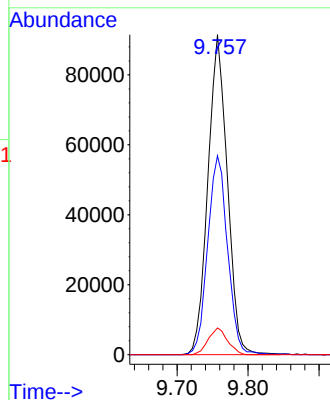
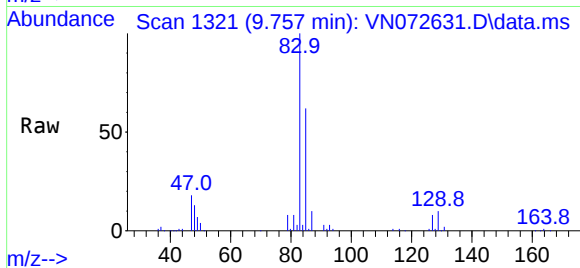
VSTDICC050

Tgt Ion: 83 Resp: 17410
Ion Ratio Lower Upper
83 100
85 62.2 54.1 81.1
127 8.4 7.6 11.4

Manual Integrations

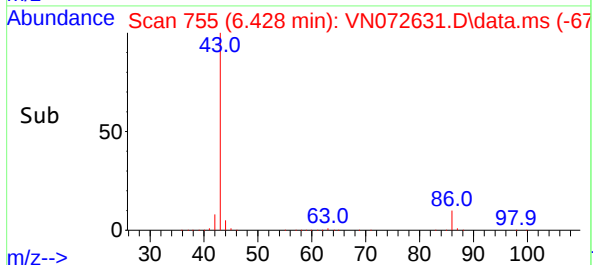
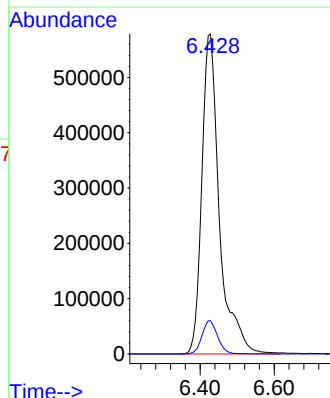
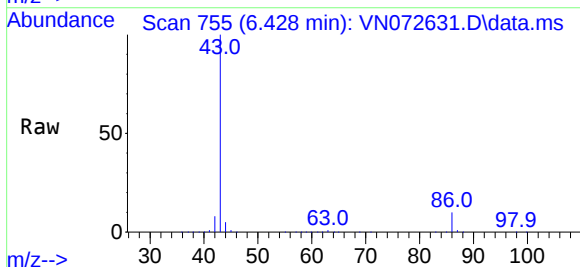
APPROVED

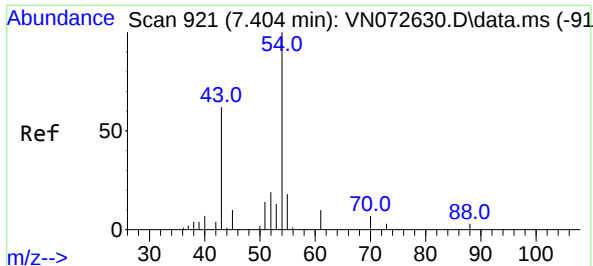
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#42
Vinyl Acetate
Concen: 272.285 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Tgt Ion: 43 Resp: 1902722
Ion Ratio Lower Upper
43 100
86 9.2 7.5 11.3





#43

Ethyl Acetate

Concen: 54.599 ug/l

RT: 7.404 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN072631.D

Acq: 26 May 2022 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 43 Resp: 222564

Ion Ratio Lower Upper

43 100

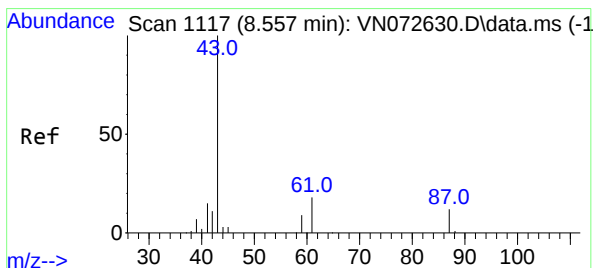
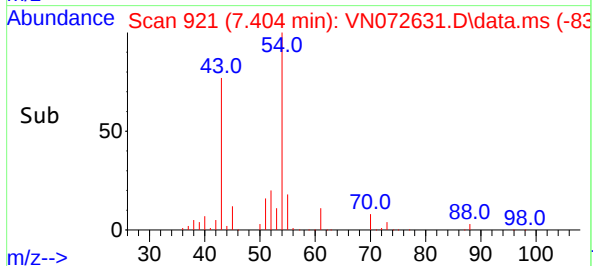
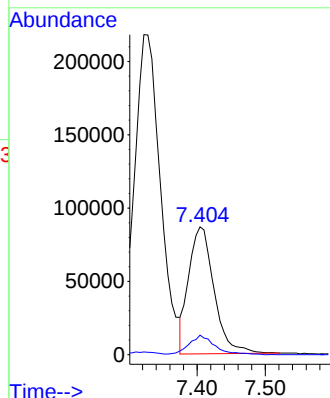
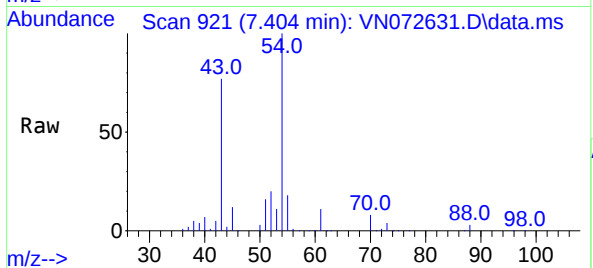
45 14.0 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#44

Isopropyl Acetate

Concen: 51.573 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN072631.D

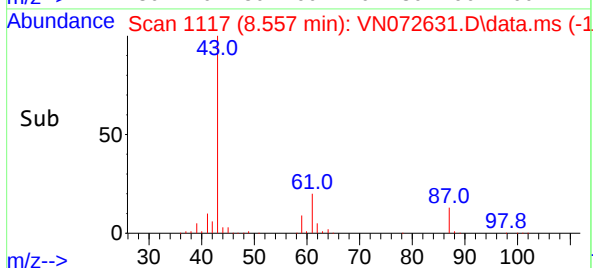
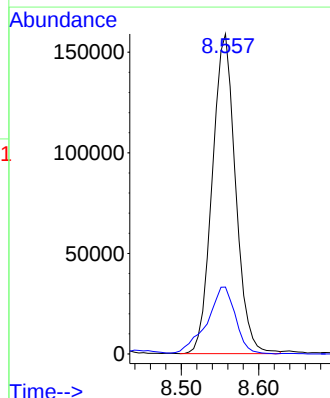
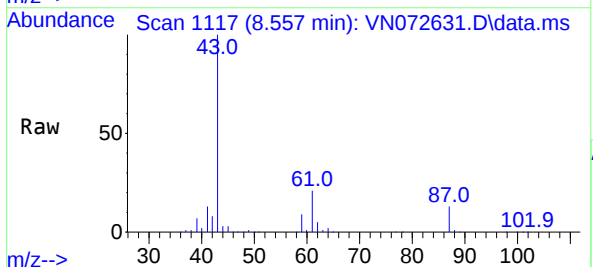
Acq: 26 May 2022 15:08

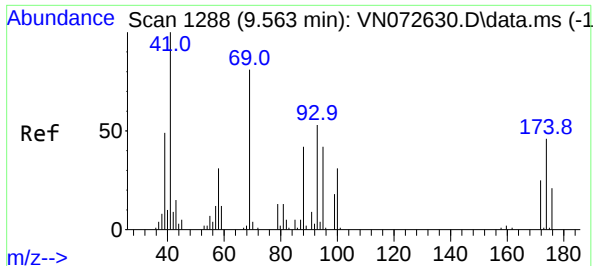
Tgt Ion: 43 Resp: 332506

Ion Ratio Lower Upper

43 100

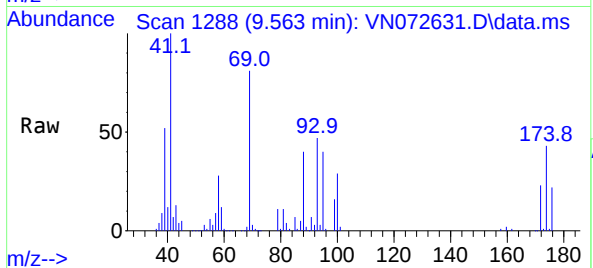
61 25.8 20.1 30.1





#45
1,4-Dioxane
Concen: 996.845 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

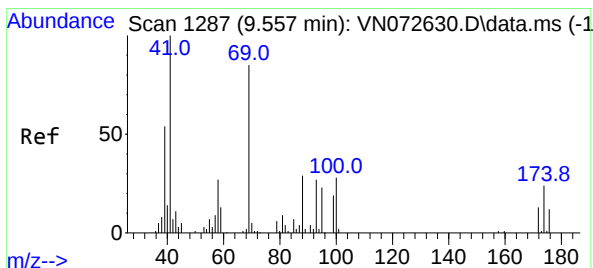
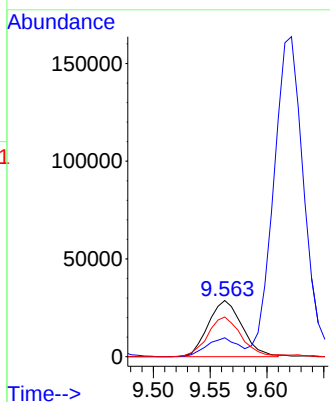
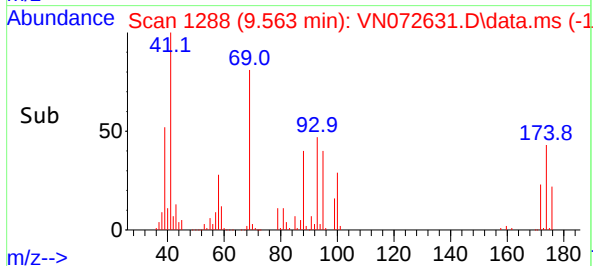
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



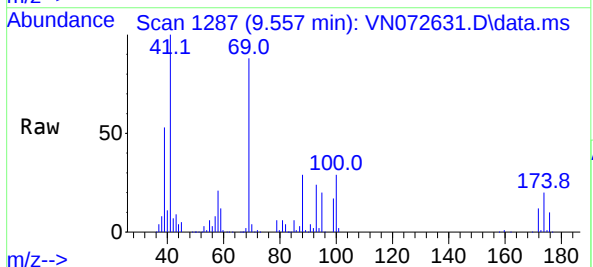
Tgt Ion: 88 Resp: 5948
Ion Ratio Lower Upper
88 100
43 31.2 25.0 37.6
58 69.5 49.4 74.2

Manual Integrations
APPROVED

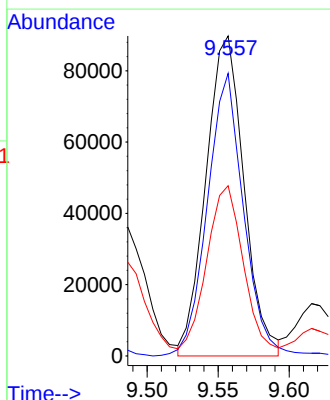
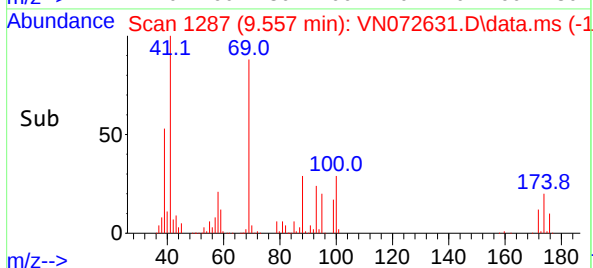
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

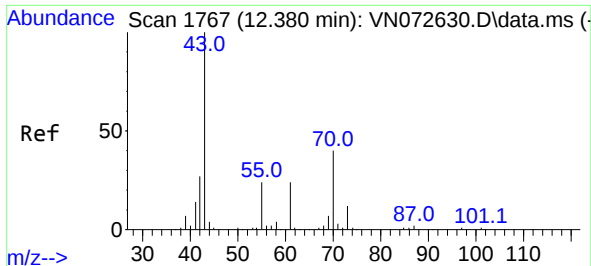


#46
Methyl methacrylate
Concen: 54.728 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08



Tgt Ion: 41 Resp: 167233
Ion Ratio Lower Upper
41 100
69 89.2 44.4 133.2
39 52.7 39.9 119.6





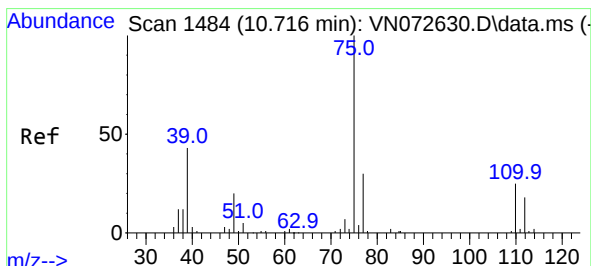
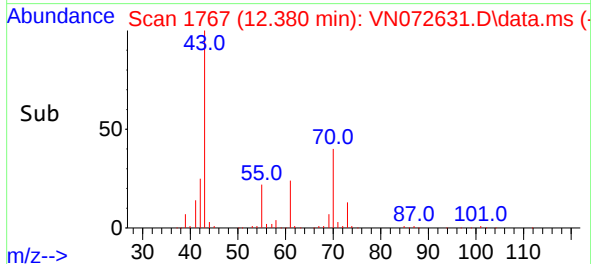
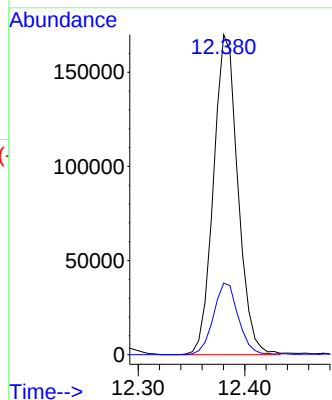
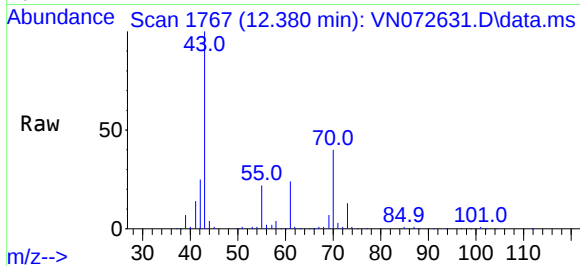
#47
n-amyl acetate
Concen: 61.094 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 43 Resp: 270352
Ion Ratio Lower Upper
43 100
55 22.8 19.0 28.6

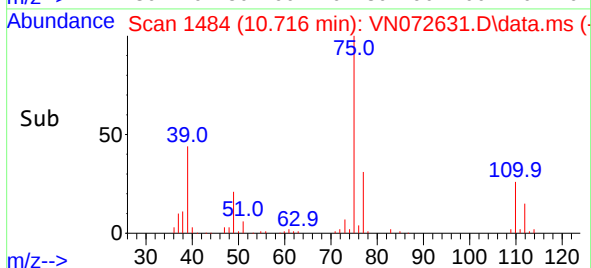
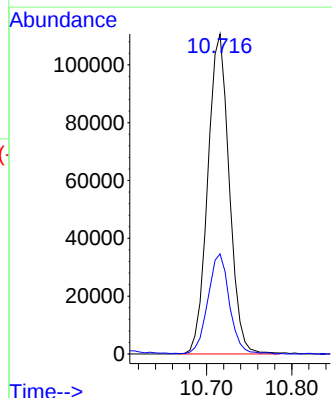
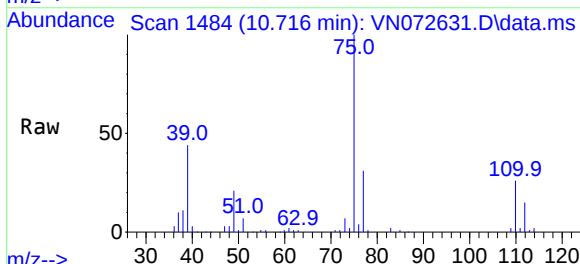
Manual Integrations
APPROVED

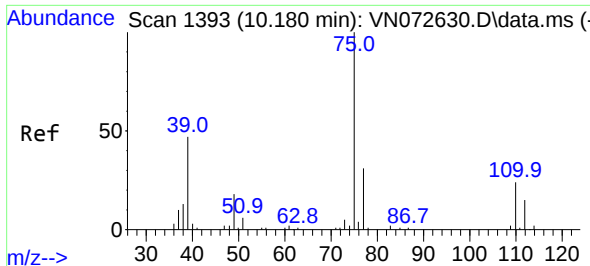
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#48
t-1,3-Dichloropropene
Concen: 45.507 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

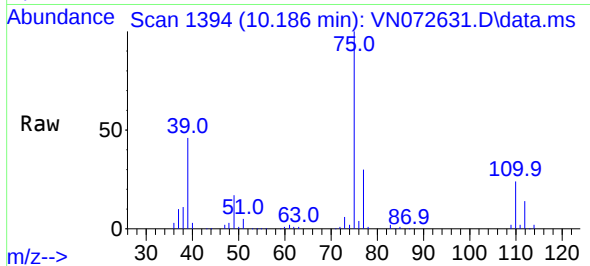
Tgt Ion: 75 Resp: 193696
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 48.821 ug/l
RT: 10.186 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

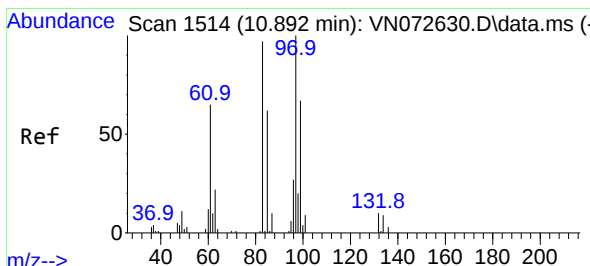
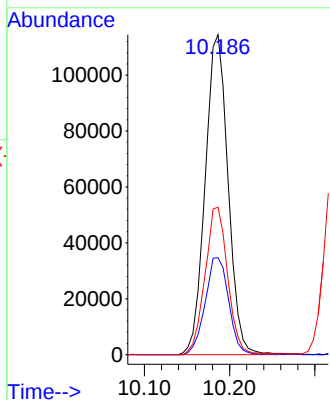
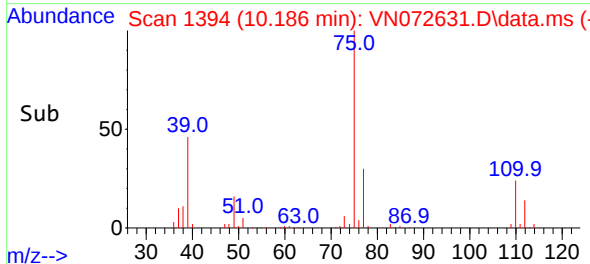
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 75 Resp: 21342
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9
39 46.1 46.2 69.4

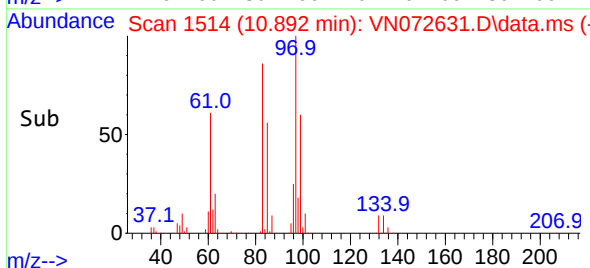
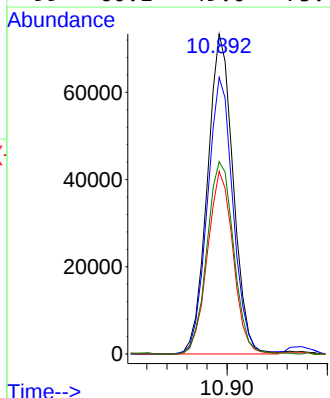
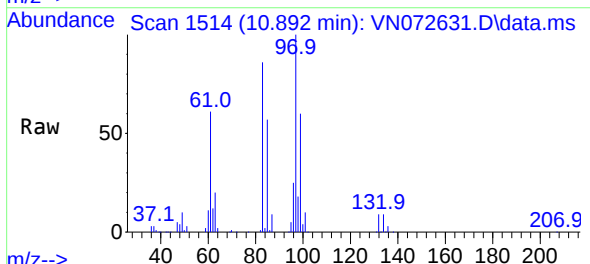
Manual Integrations
APPROVED

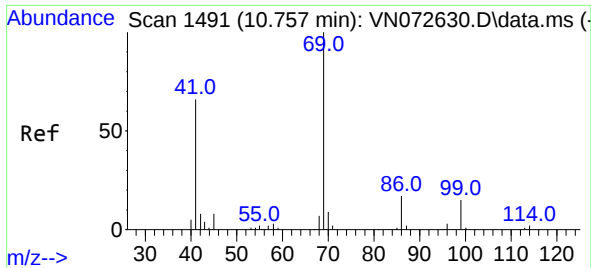
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#50
1,1,2-Trichloroethane
Concen: 48.649 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

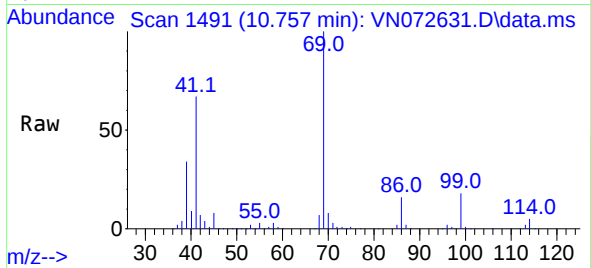
Tgt Ion: 97 Resp: 130776
Ion Ratio Lower Upper
97 100
83 86.1 67.2 100.8
85 57.1 43.0 64.4
99 60.1 49.0 73.4





#51
Ethyl methacrylate
Concen: 53.526 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

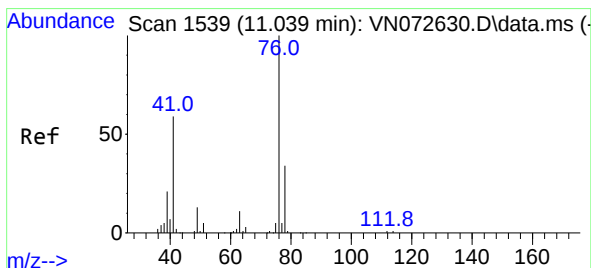
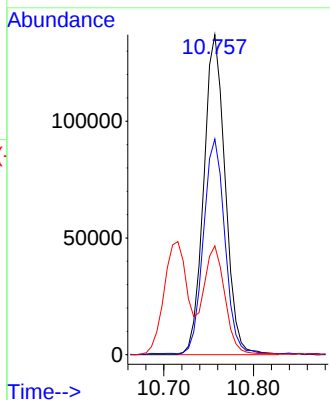
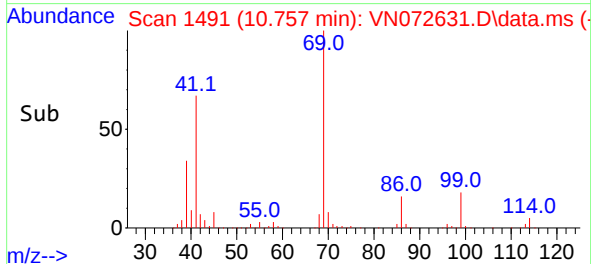
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



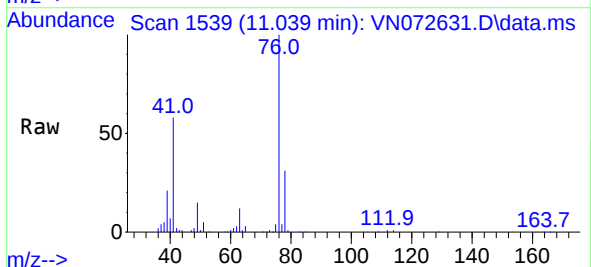
Tgt Ion: 69 Resp: 227749
Ion Ratio Lower Upper
69 100
41 67.1 33.0 98.9
39 33.8 25.4 76.4

Manual Integrations
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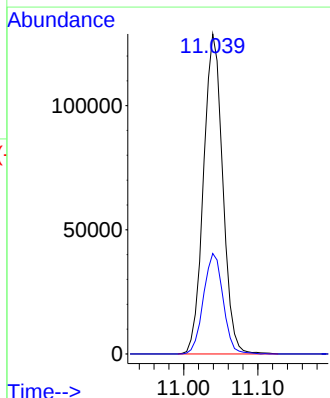
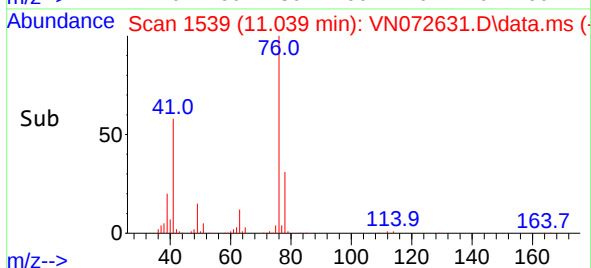
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

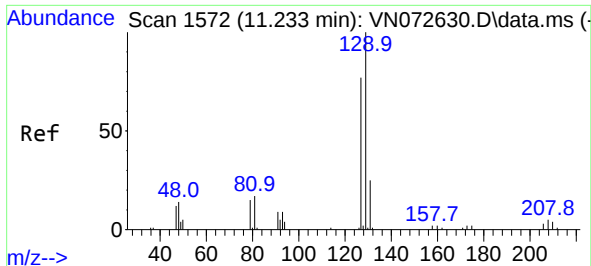


#52
1,3-Dichloropropane
Concen: 49.867 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08



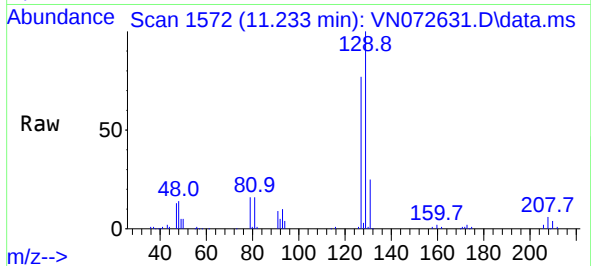
Tgt Ion: 76 Resp: 231952
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.4





#53
Dibromochloromethane
Concen: 43.063 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

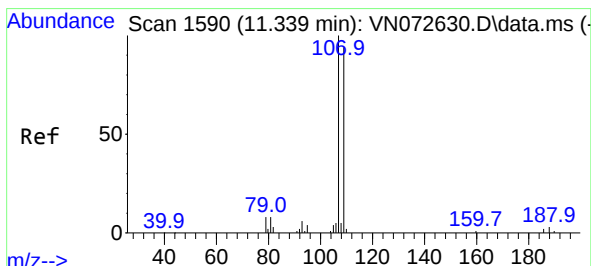
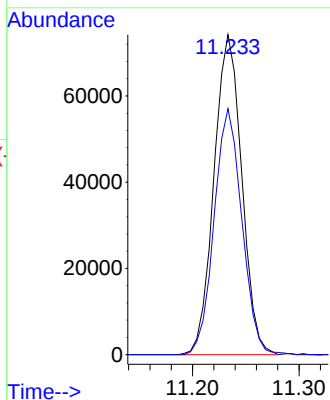
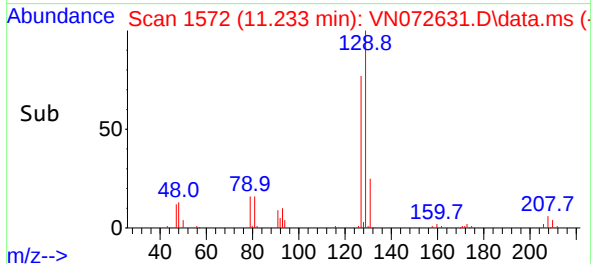
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



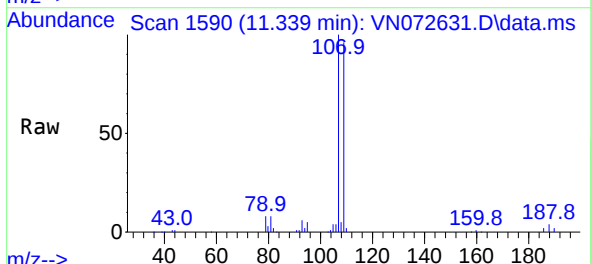
Tgt Ion:129 Resp: 134390
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0

Manual Integrations
APPROVED

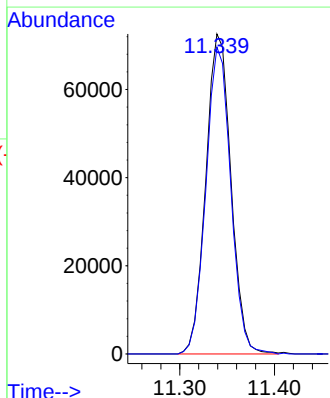
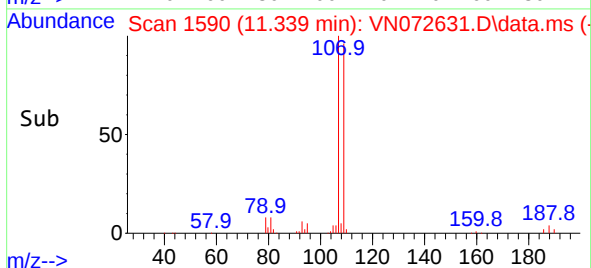
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

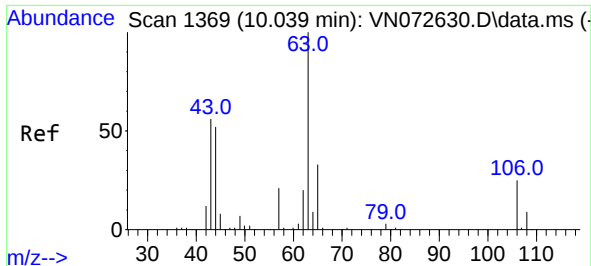


#54
1,2-Dibromoethane
Concen: 47.022 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08



Tgt Ion:107 Resp: 133916
Ion Ratio Lower Upper
107 100
109 94.6 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 405.613 ug/l
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Instrument :

MSVOA_N

ClientSampleId :

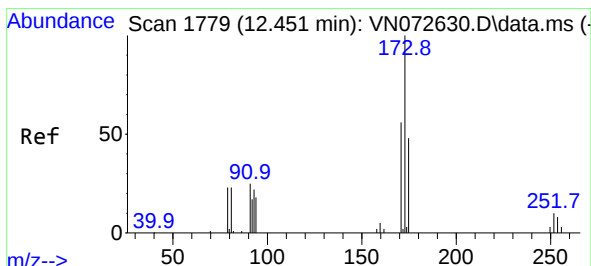
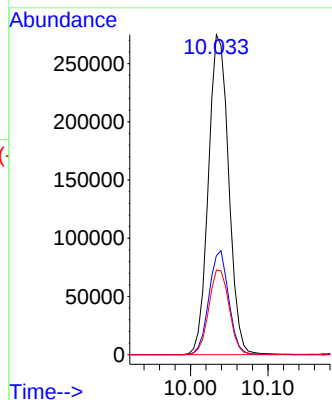
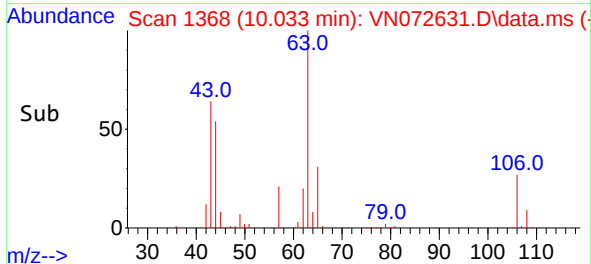
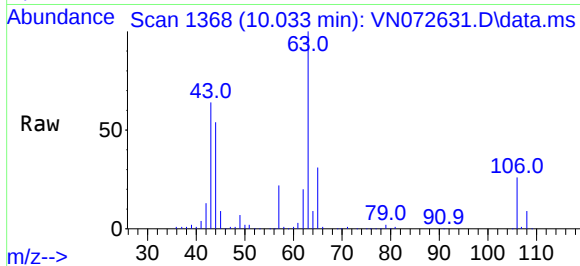
VSTDICC050

Tgt Ion: 63 Resp: 49956
Ion Ratio Lower Upper
63 100
65 31.6 25.4 38.0
106 26.7 23.2 34.8

Manual Integrations

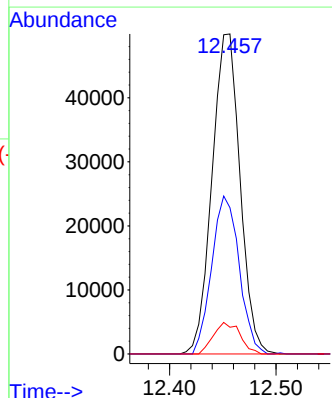
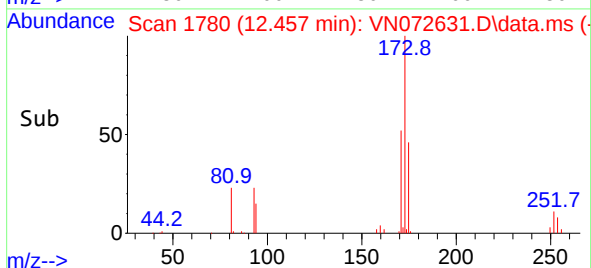
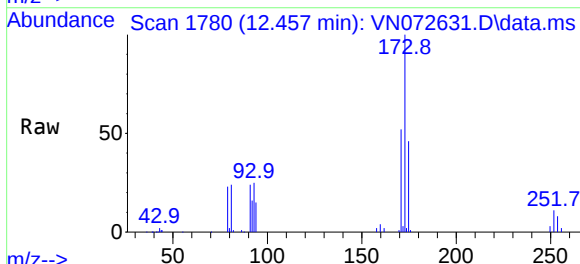
APPROVED

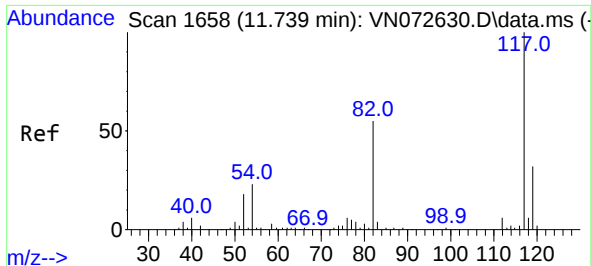
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#56
Bromoform
Concen: 38.515 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Tgt Ion:173 Resp: 91308
Ion Ratio Lower Upper
173 100
175 48.4 38.6 58.0
254 9.4 0.0 0.0#





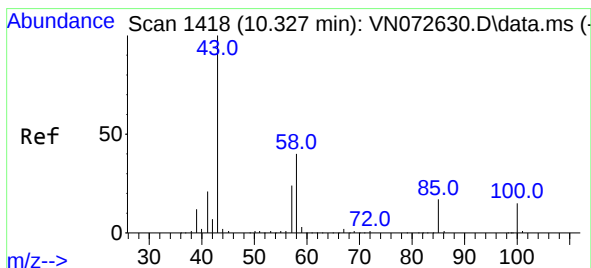
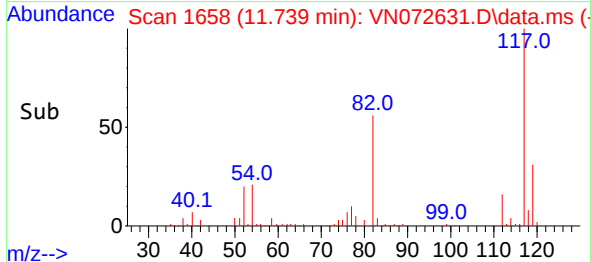
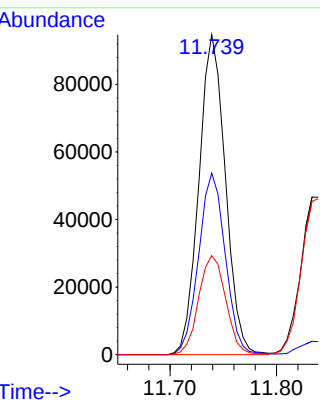
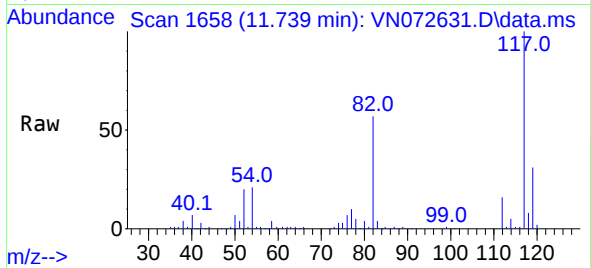
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 117 Resp: 163749
Ion Ratio Lower Upper
117 100
82 57.1 43.6 65.4
119 31.6 25.8 38.6

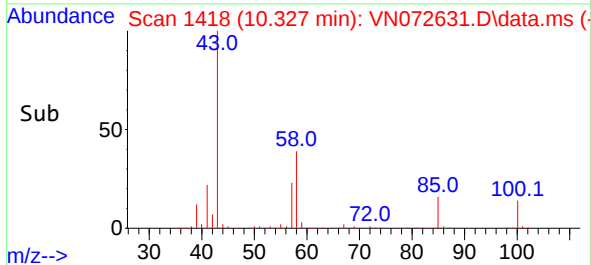
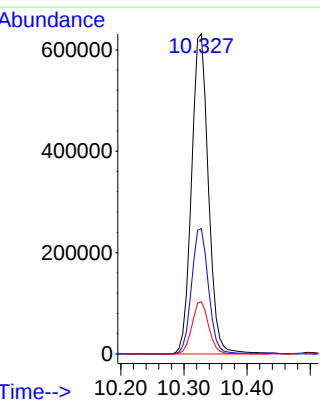
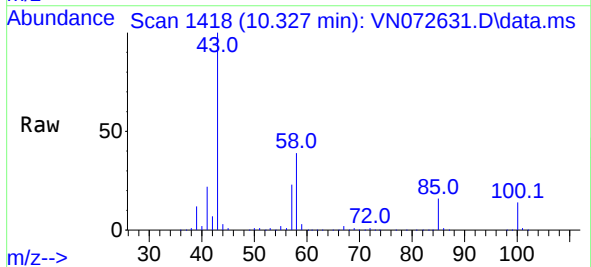
Manual Integrations
APPROVED

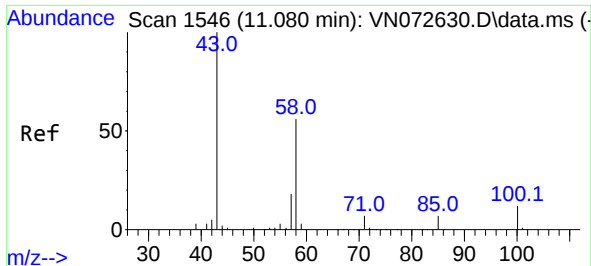
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#58
4-Methyl-2-Pentanone
Concen: 288.554 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Tgt Ion: 43 Resp: 1174212
Ion Ratio Lower Upper
43 100
58 39.3 30.0 45.0
85 16.1 15.0 22.6





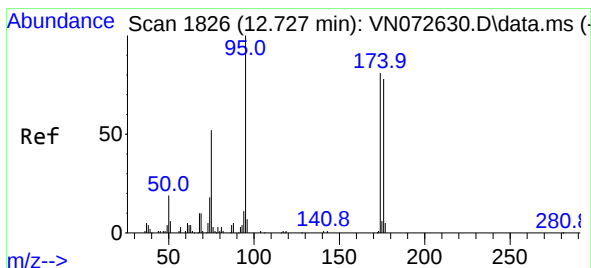
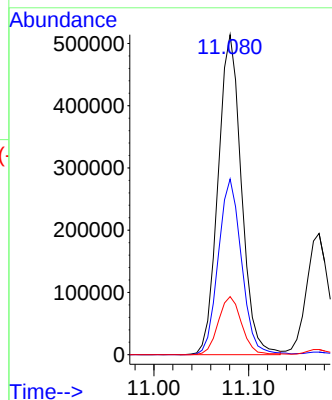
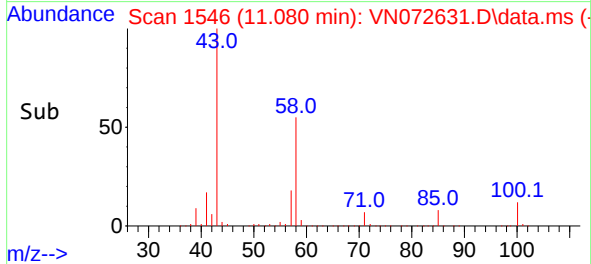
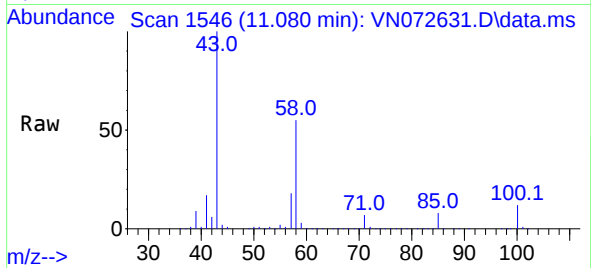
#59
2-Hexanone
Concen: 296.704 ug/l
RT: 11.080 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 43 Resp: 88110
Ion Ratio Lower Upper
43 100
58 54.8 42.2 63.2
57 18.1 15.0 22.4

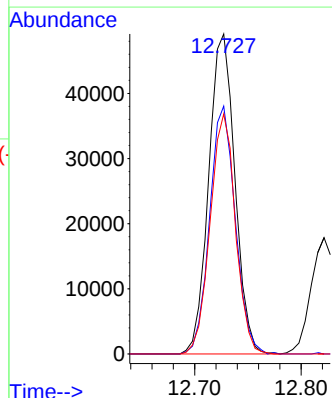
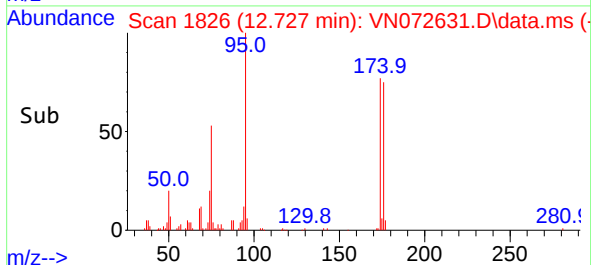
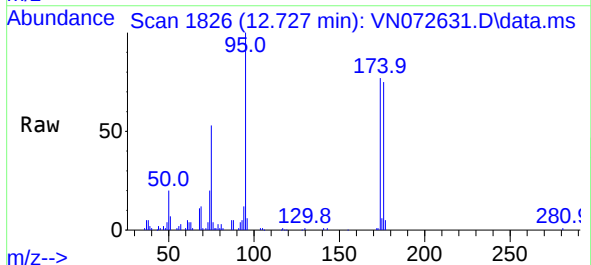
Manual Integrations
APPROVED

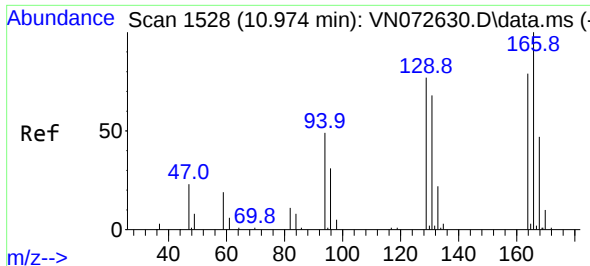
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#60
4-Bromofluorobenzene
Concen: 26.577 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Tgt Ion: 95 Resp: 83701
Ion Ratio Lower Upper
95 100
174 76.0 62.9 94.3
176 72.5 61.0 91.4





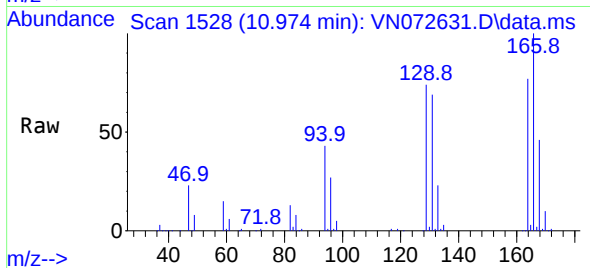
#61
Tetrachloroethene
Concen: 43.128 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050



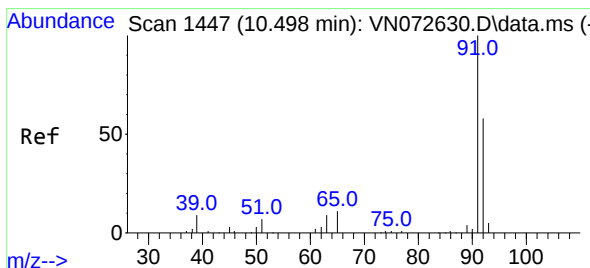
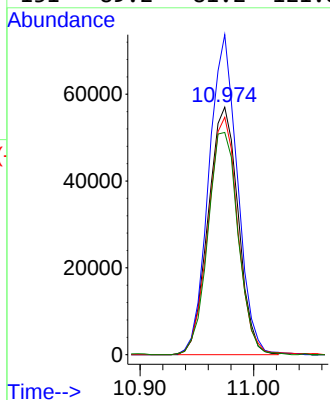
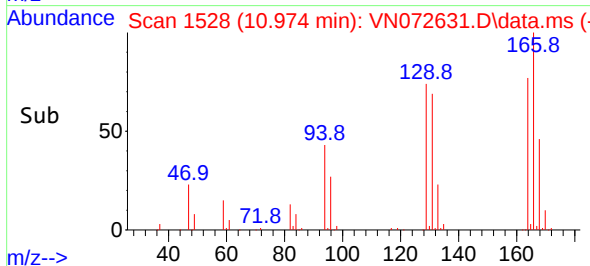
Tgt Ion:164 Resp: 104550
Ion Ratio Lower Upper
164 100
166 128.8 105.8 158.8
129 95.4 82.5 123.7
131 89.2 81.2 121.8

Manual Integrations

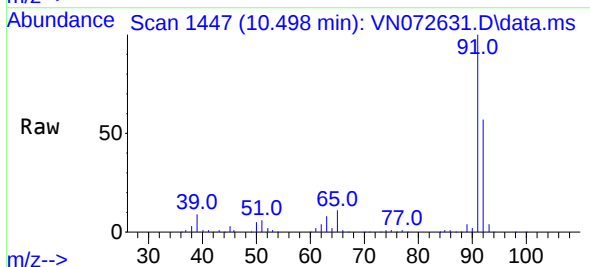
APPROVED

Reviewed By :John Carlone 05/27/2022

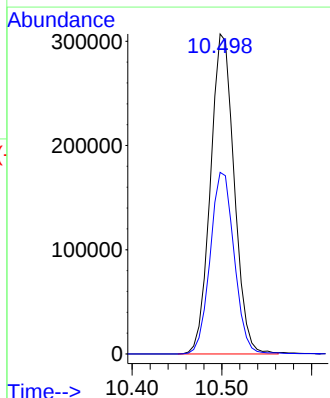
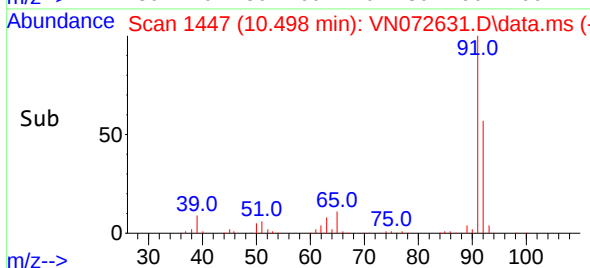
Supervised By :Mahesh Dadoda 05/27/2022

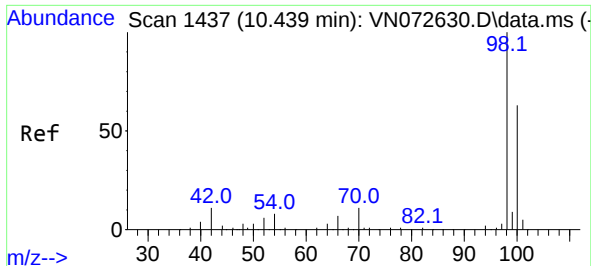


#62
Toluene
Concen: 49.695 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08



Tgt Ion: 91 Resp: 563970
Ion Ratio Lower Upper
91 100
92 57.2 44.6 67.0





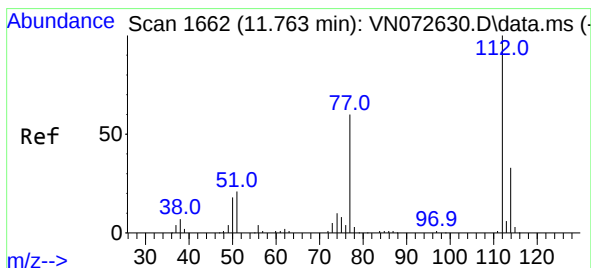
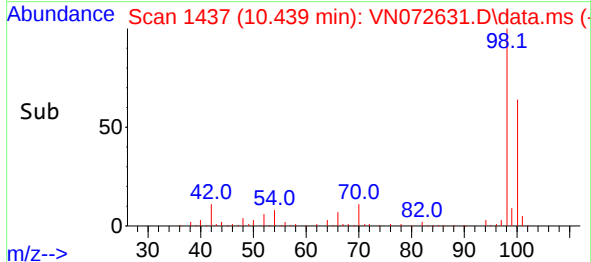
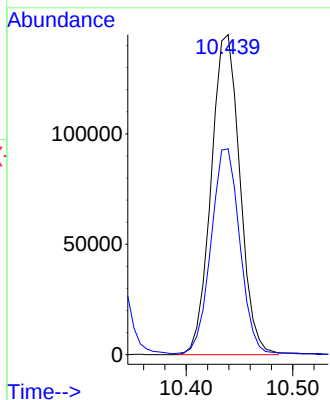
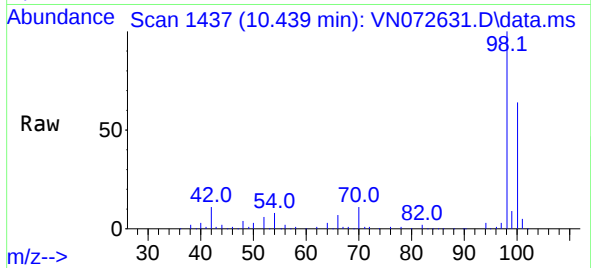
#63
Toluene-d8
Concen: 30.220 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 98 Resp: 272078
Ion Ratio Lower Upper
98 100
100 64.9 50.6 76.0

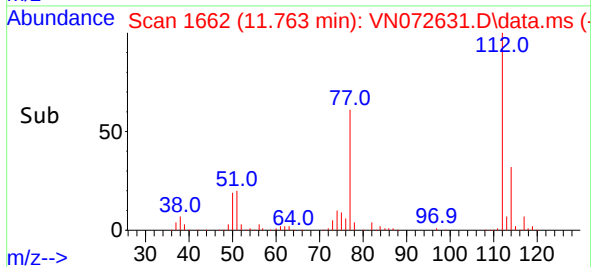
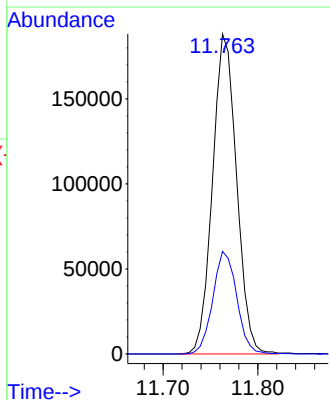
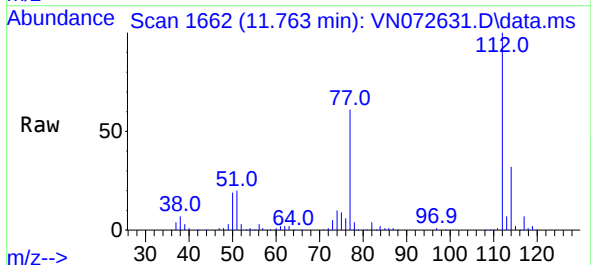
Manual Integrations
APPROVED

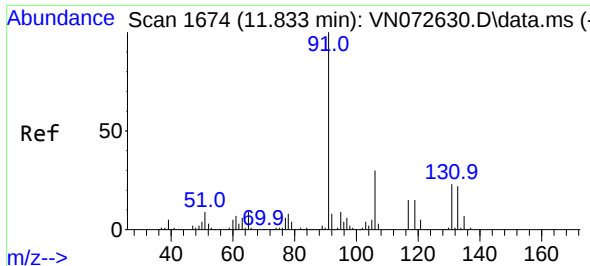
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#64
Chlorobenzene
Concen: 47.518 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Tgt Ion:112 Resp: 331650
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6





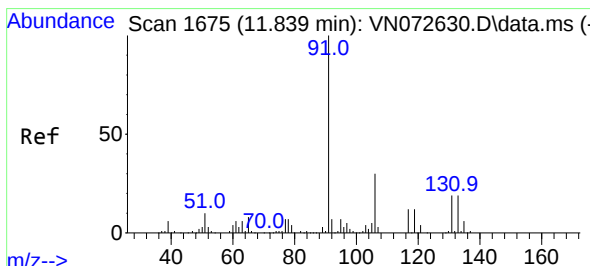
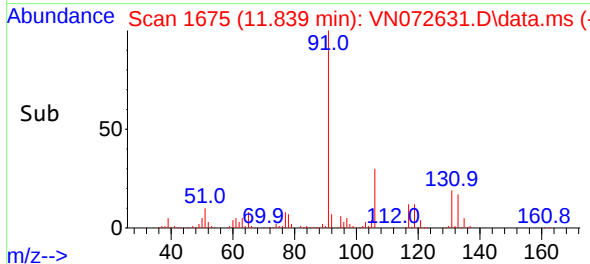
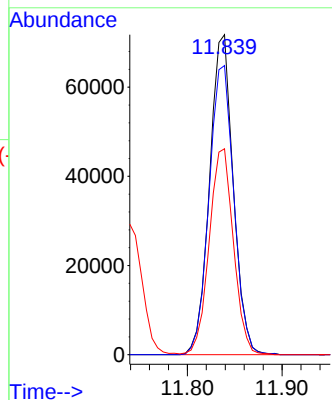
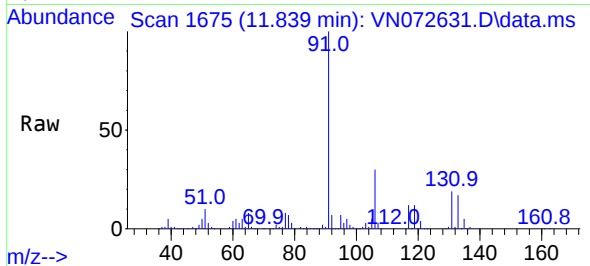
#65
1,1,1,2-Tetrachloroethane
Concen: 44.019 ug/l
RT: 11.839 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:131 Resp: 124435
Ion Ratio Lower Upper
131 100
133 94.4 0.0 191.2
119 65.9 0.0 128.8

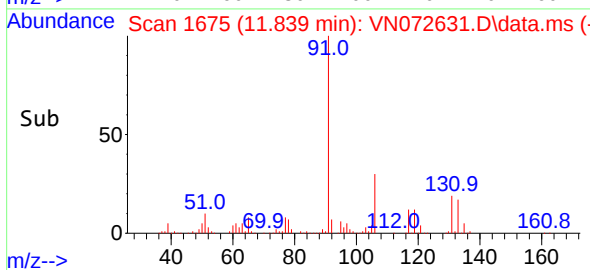
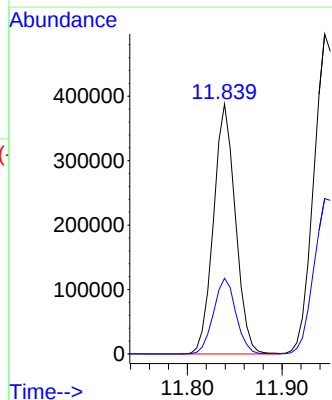
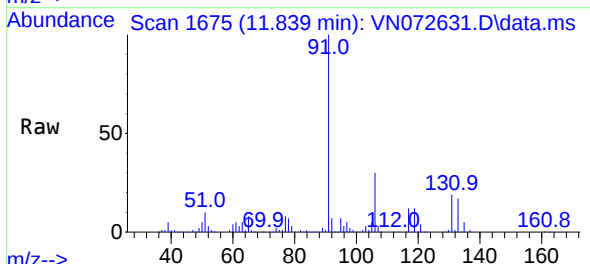
Manual Integrations
APPROVED

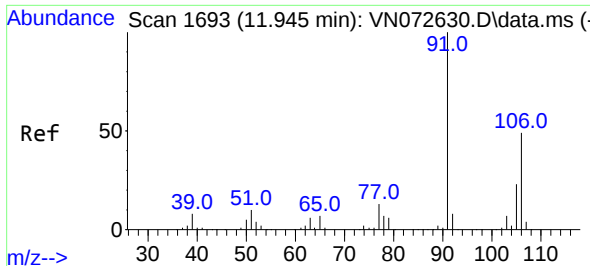
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#66
Ethyl Benzene
Concen: 49.606 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Tgt Ion: 91 Resp: 624068
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0





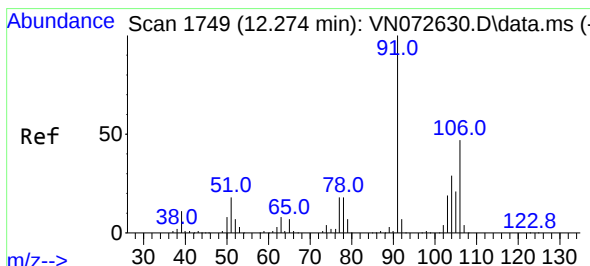
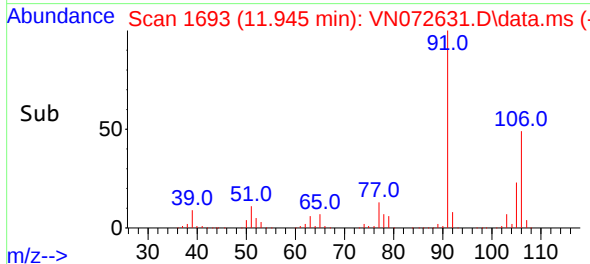
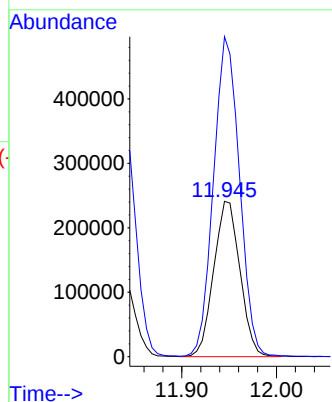
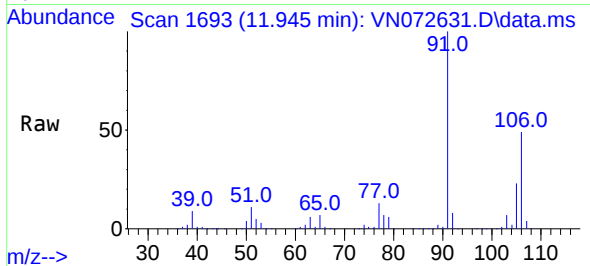
#67
m/p-Xylenes
Concen: 97.533 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:106 Resp: 465100
Ion Ratio Lower Upper
106 100
91 204.2 162.9 244.3

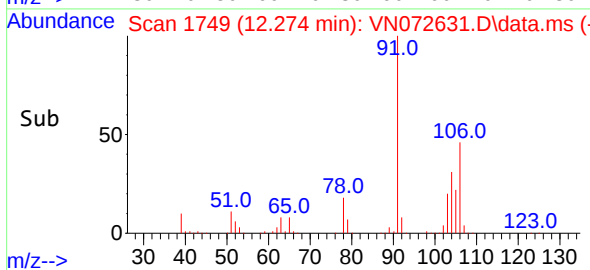
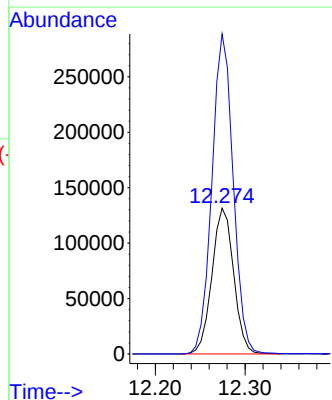
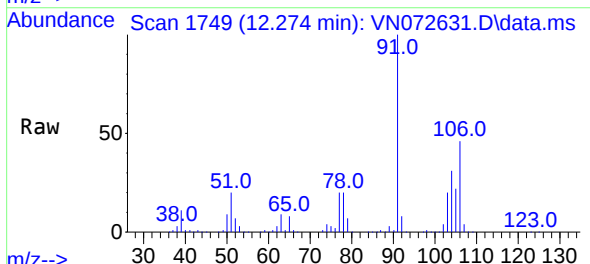
Manual Integrations
APPROVED

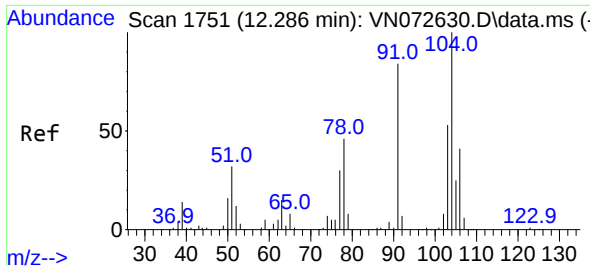
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#68
o-Xylene
Concen: 46.816 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Tgt Ion:106 Resp: 221089
Ion Ratio Lower Upper
106 100
91 214.9 107.7 323.1





#69
 Styrene
 Concen: 48.402 ug/l
 RT: 12.286 min Scan# 1751
 Delta R.T. 0.000 min
 Lab File: VN072631.D
 Acq: 26 May 2022 15:08

Instrument :

MSVOA_N

ClientSampleId :

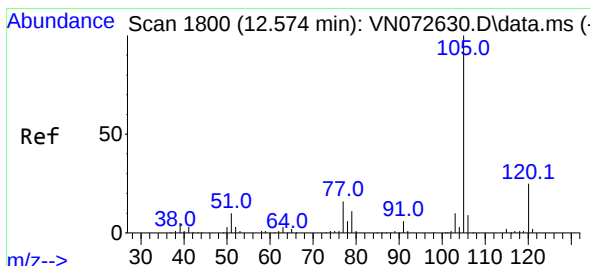
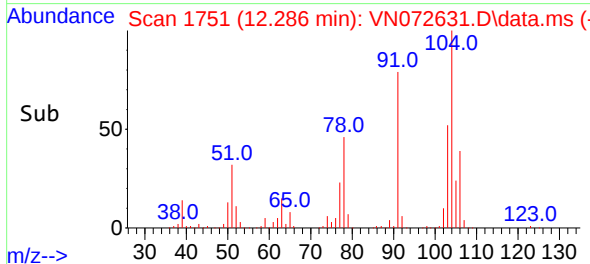
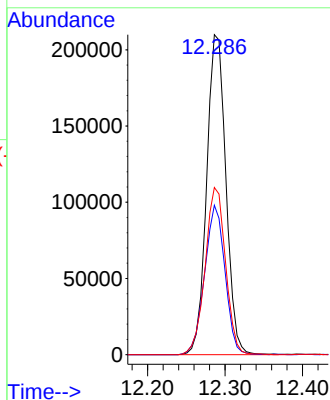
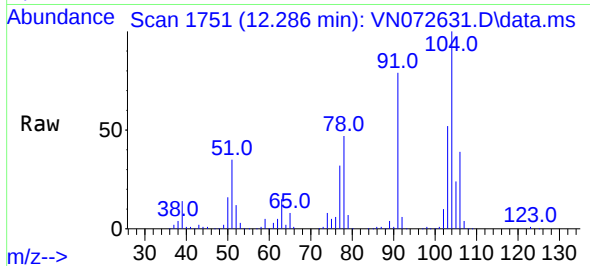
VSTDICC050

Tgt Ion:104 Resp: 36284
 Ion Ratio Lower Upper
 104 100
 78 49.4 40.7 61.1
 103 55.5 45.8 68.8

Manual Integrations

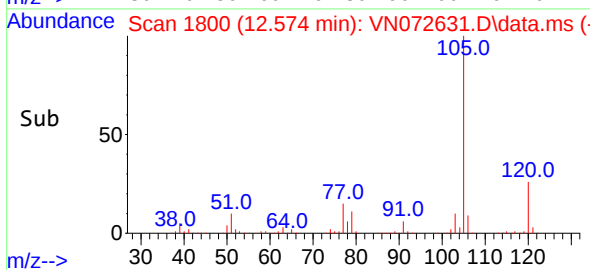
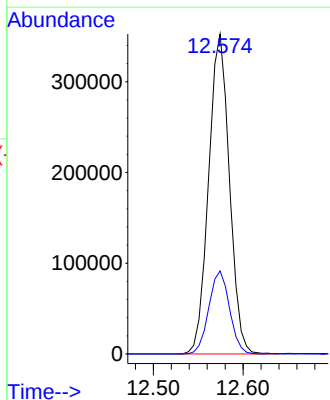
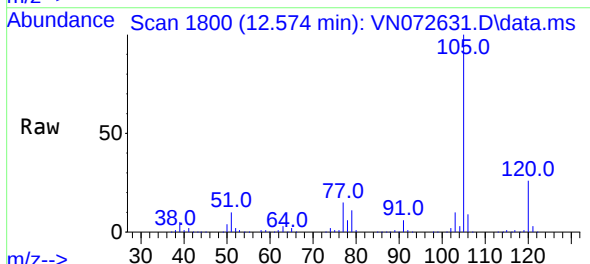
APPROVED

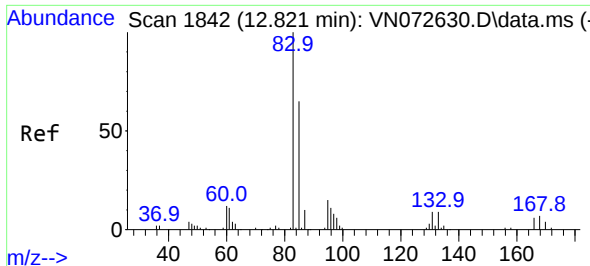
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#70
 Isopropylbenzene
 Concen: 45.606 ug/l
 RT: 12.574 min Scan# 1800
 Delta R.T. 0.000 min
 Lab File: VN072631.D
 Acq: 26 May 2022 15:08

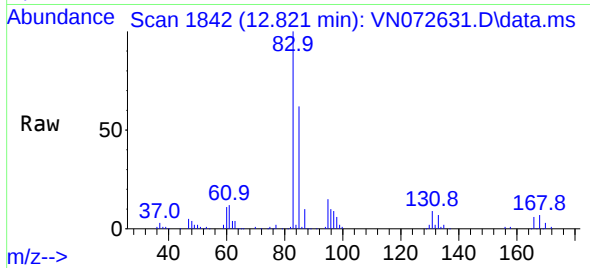
Tgt Ion:105 Resp: 567291
 Ion Ratio Lower Upper
 105 100
 120 25.8 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 50.767 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

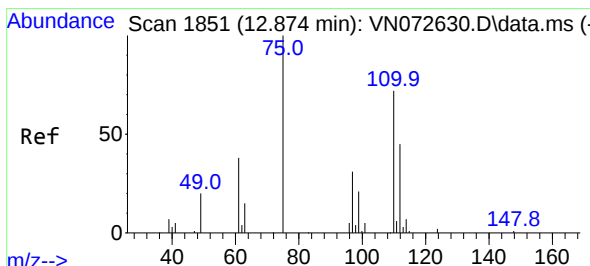
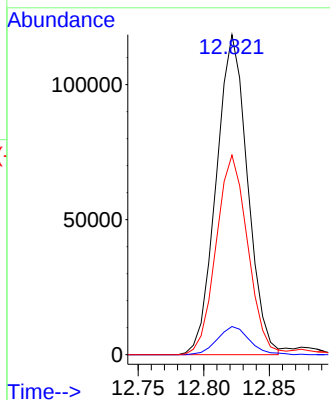
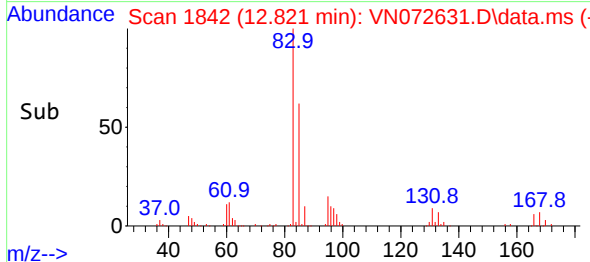
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



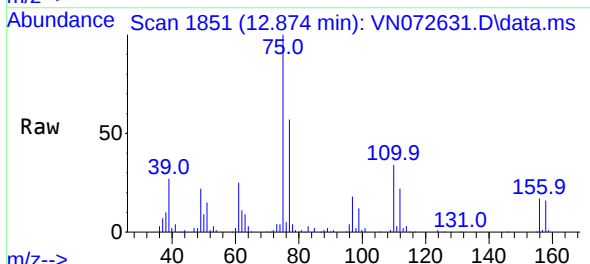
Tgt Ion: 83 Resp: 19676
Ion Ratio Lower Upper
83 100
131 9.0 5.1 15.3
85 62.9 33.1 99.2

Manual Integrations
APPROVED

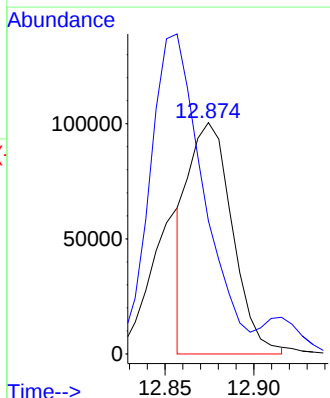
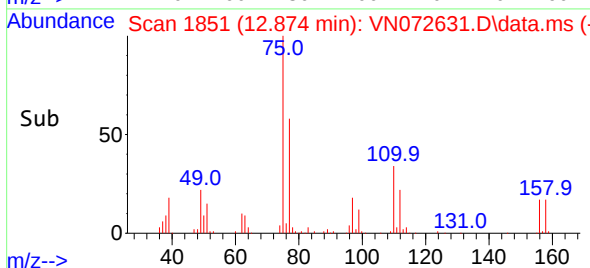
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

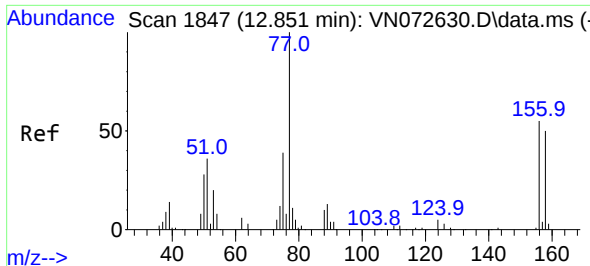


#72
1,2,3-Trichloropropane
Concen: 48.688 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08



Tgt Ion: 75 Resp: 173516
Ion Ratio Lower Upper
75 100
77 167.8 0.0 378.0





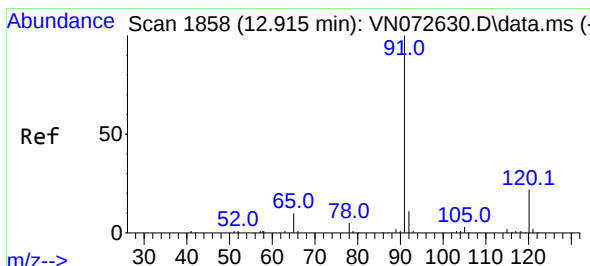
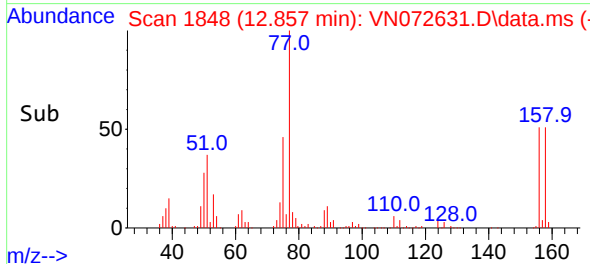
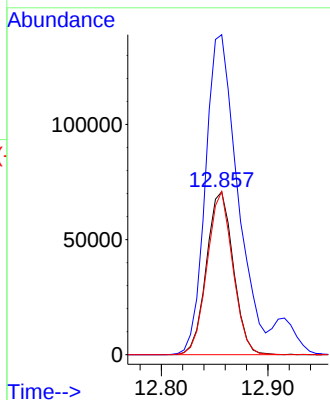
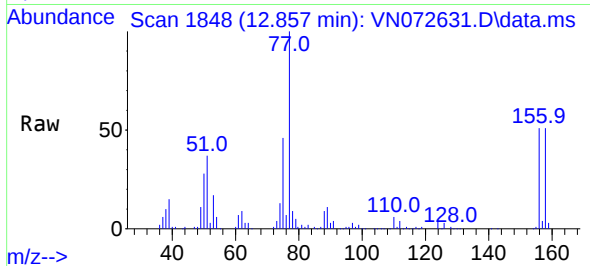
#73
Bromobenzene
Concen: 41.891 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:156 Resp: 123690
Ion Ratio Lower Upper
156 100
77 235.4 0.0 416.0
158 95.9 0.0 195.4

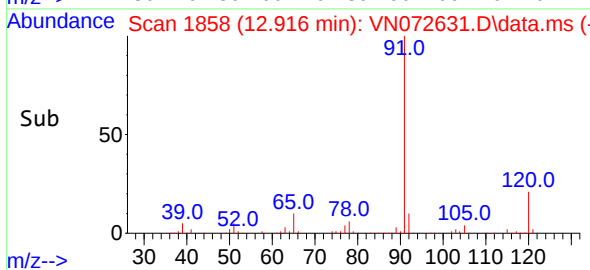
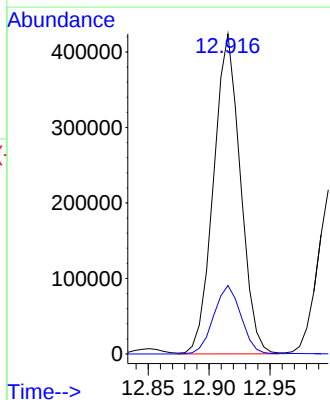
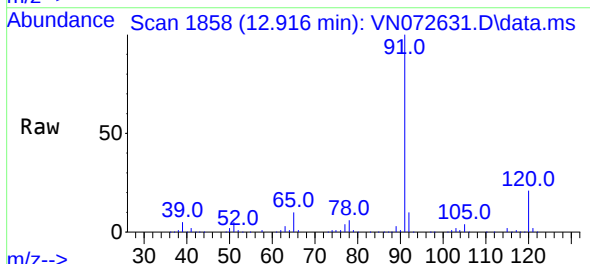
Manual Integrations
APPROVED

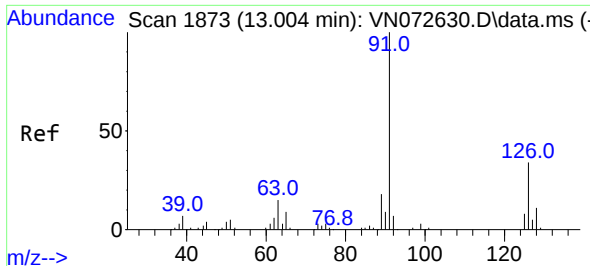
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#74
n-propylbenzene
Concen: 47.368 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Tgt Ion: 91 Resp: 649630
Ion Ratio Lower Upper
91 100
120 21.7 0.0 45.0





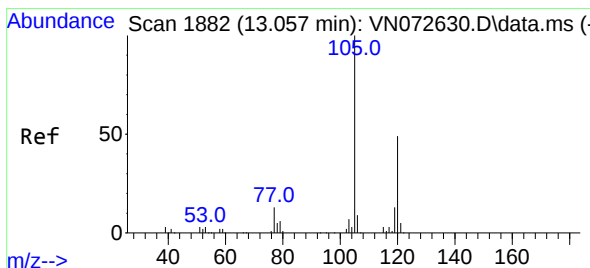
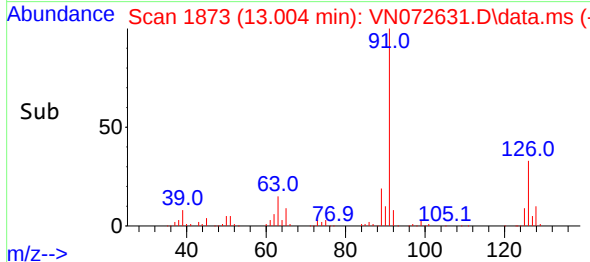
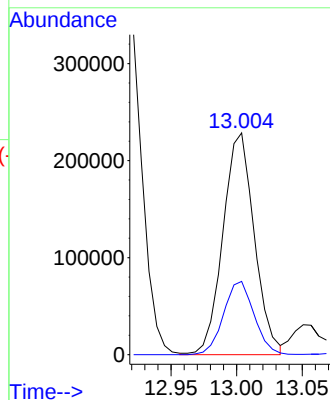
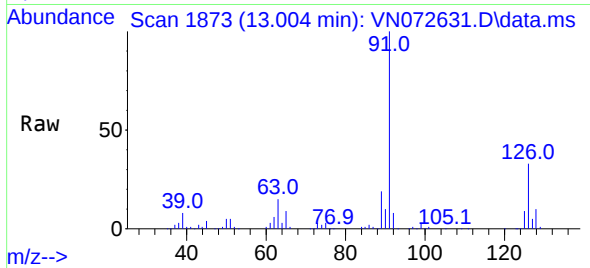
#75
2-Chlorotoluene
Concen: 43.783 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 91 Resp: 38004
Ion Ratio Lower Upper
91 100
126 32.3 0.0 69.8

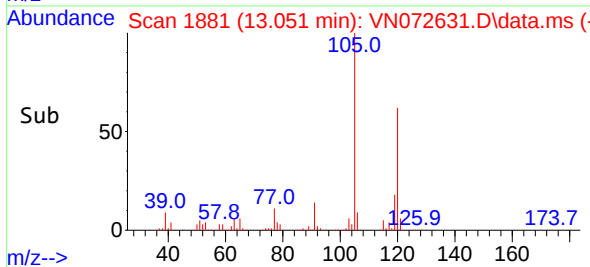
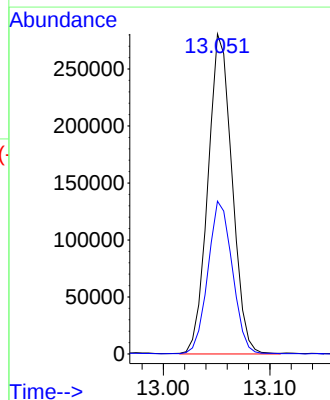
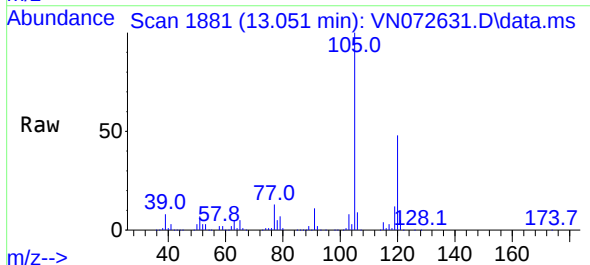
Manual Integrations
APPROVED

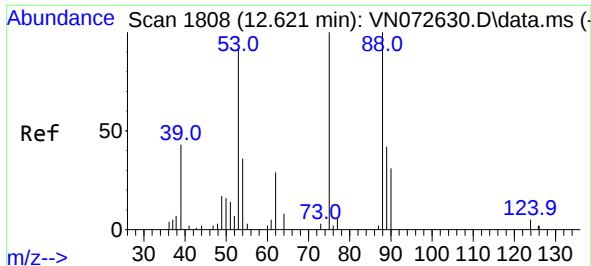
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#76
1,3,5-Trimethylbenzene
Concen: 42.290 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

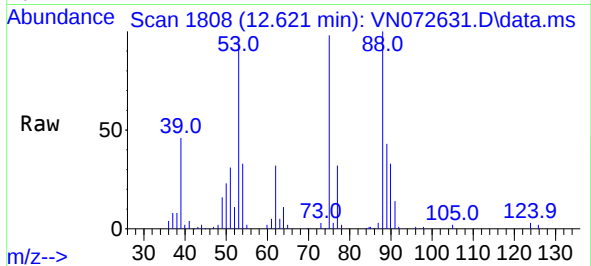
Tgt Ion:105 Resp: 441978
Ion Ratio Lower Upper
105 100
120 48.4 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 54.057 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

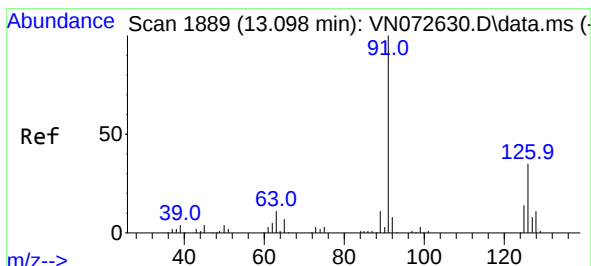
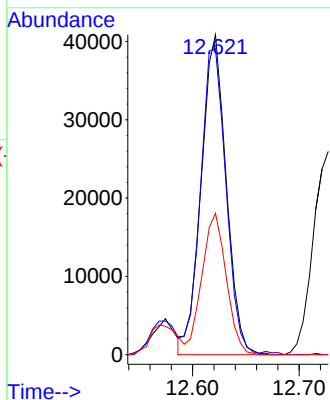
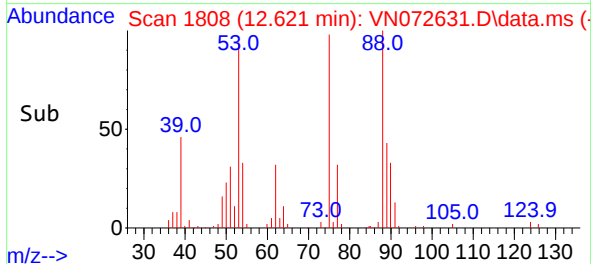
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



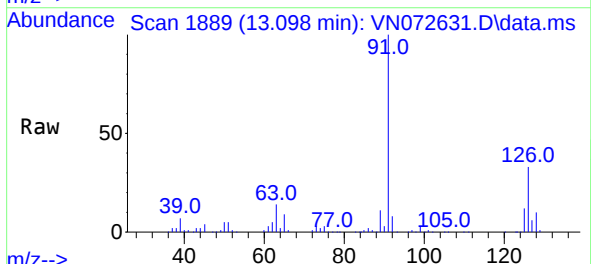
Tgt Ion: 75 Resp: 66678
Ion Ratio Lower Upper
75 100
53 95.0 51.8 155.5
89 44.2 22.9 68.7

Manual Integrations
APPROVED

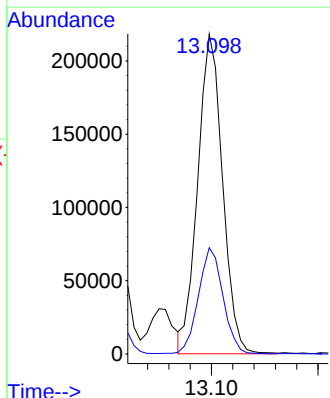
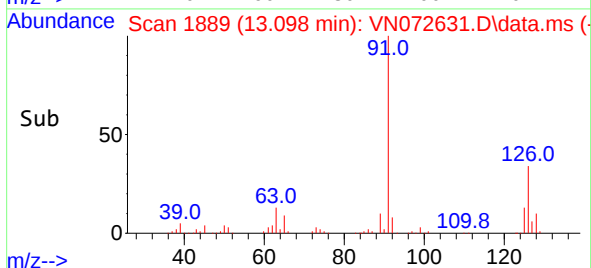
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

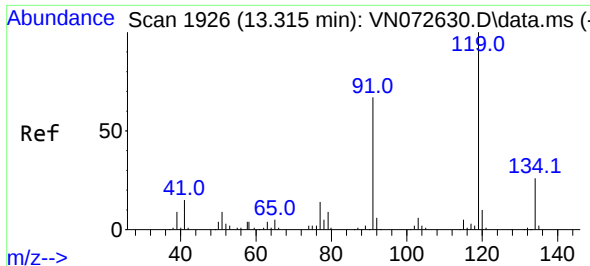


#78
4-Chlorotoluene
Concen: 43.359 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08



Tgt Ion: 91 Resp: 353934
Ion Ratio Lower Upper
91 100
126 32.9 0.0 70.6





#79
tert-butylbenzene
Concen: 42.613 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Instrument :

MSVOA_N

ClientSampleId :

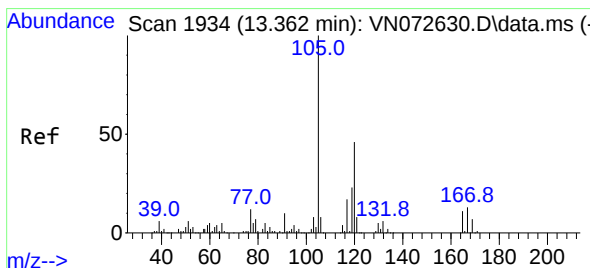
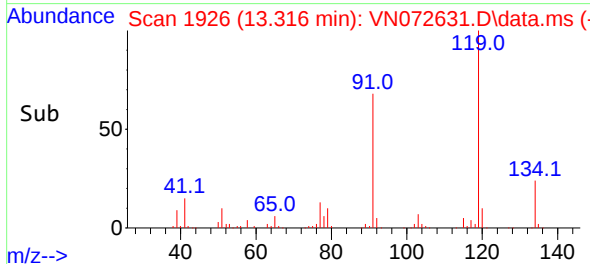
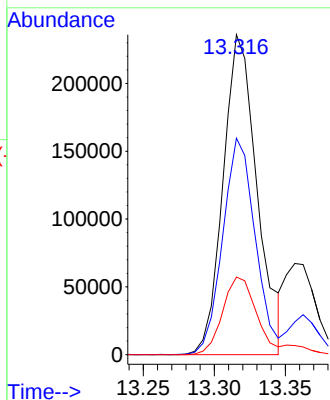
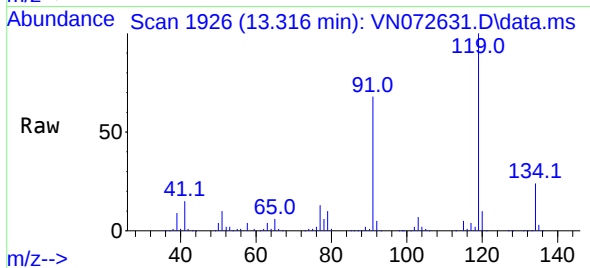
VSTDICC050

Tgt Ion:119 Resp: 393498
Ion Ratio Lower Upper
119 100
91 64.8 0.0 137.0
134 23.9 0.0 47.6

Manual Integrations

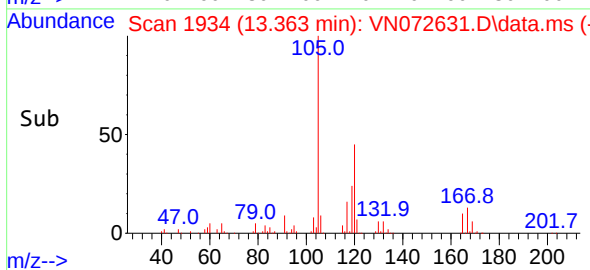
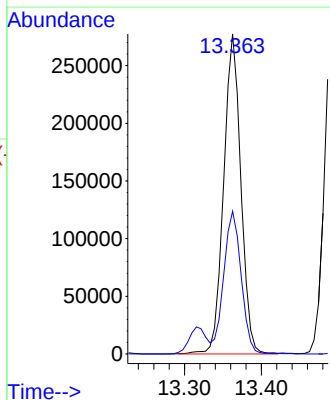
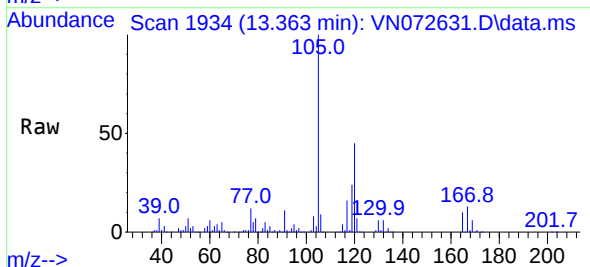
APPROVED

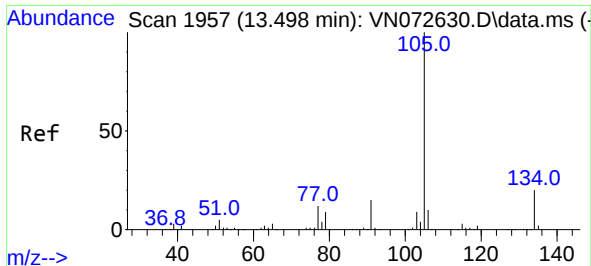
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#80
1,2,4-Trimethylbenzene
Concen: 42.574 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Tgt Ion:105 Resp: 430365
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 45.274 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072631.D
 Acq: 26 May 2022 15:08

Instrument :

MSVOA_N

ClientSampleId :

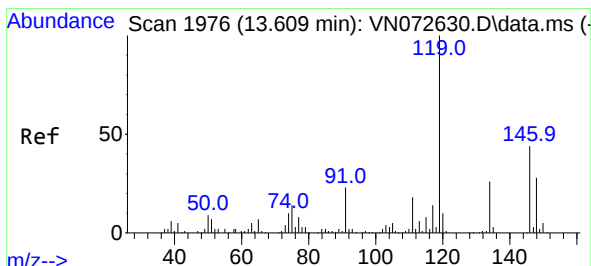
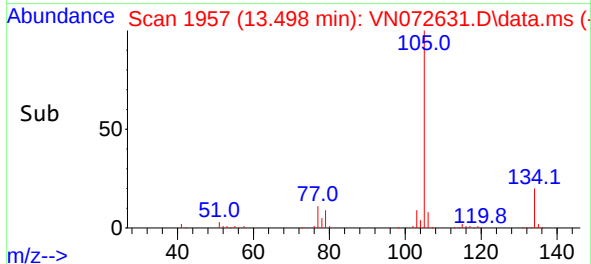
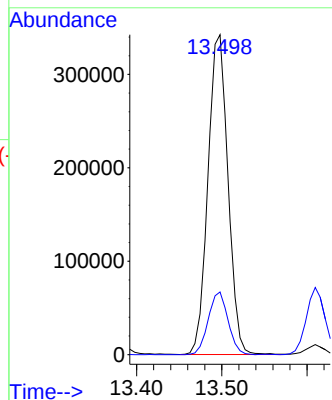
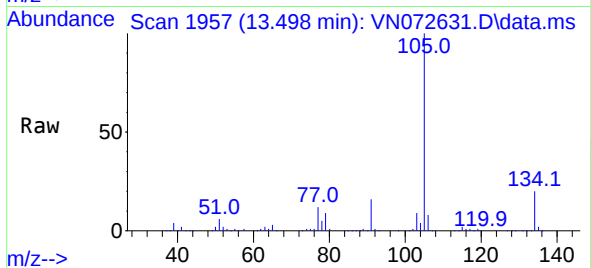
VSTDIC050

Tgt Ion:105 Resp: 558720
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.4

Manual Integrations

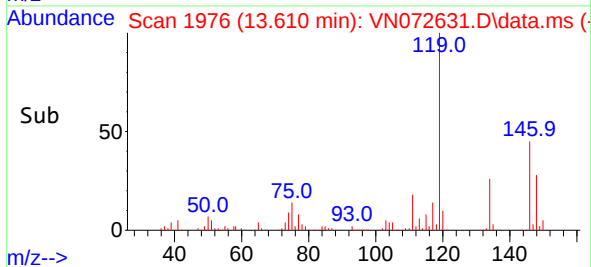
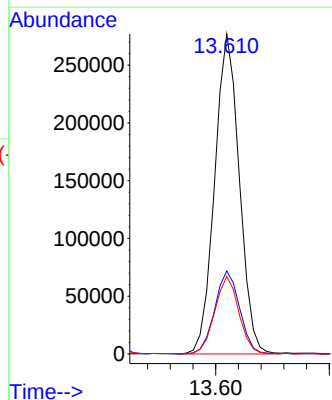
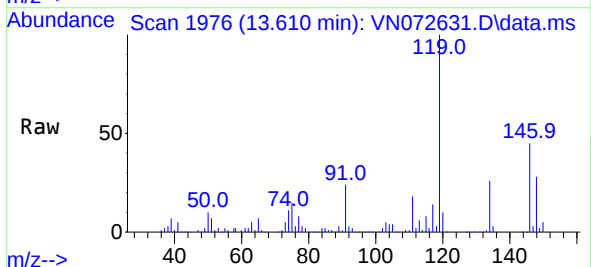
APPROVED

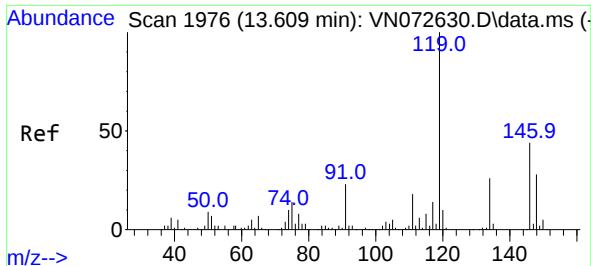
Reviewed By :John Carlone 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#82
 p-Isopropyltoluene
 Concen: 41.367 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072631.D
 Acq: 26 May 2022 15:08

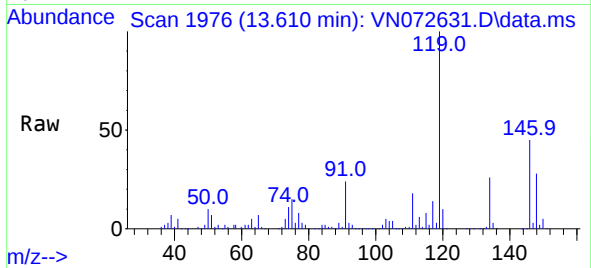
Tgt Ion:119 Resp: 417364
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 51.8
 91 23.5 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 40.183 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

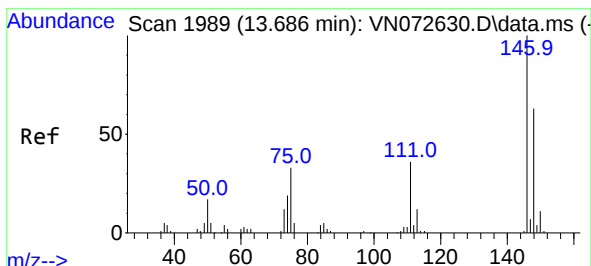
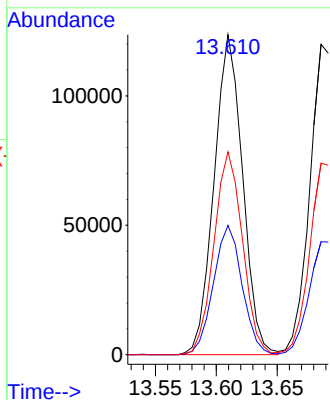
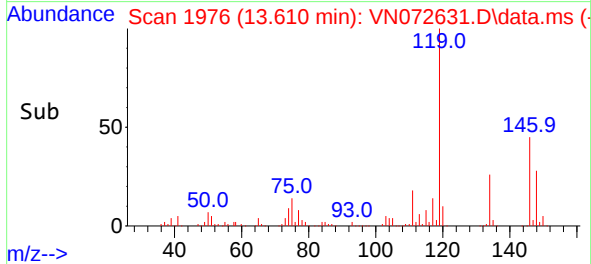
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



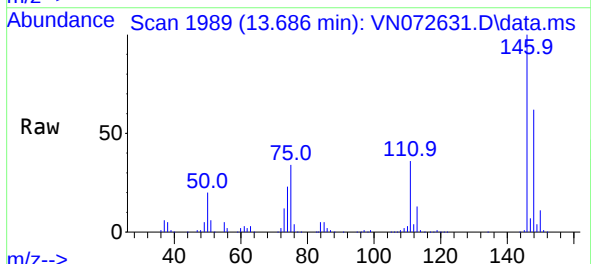
Tgt Ion:146 Resp: 201830
Ion Ratio Lower Upper
146 100
111 40.7 20.8 62.2
148 63.4 31.4 94.3

Manual Integrations
APPROVED

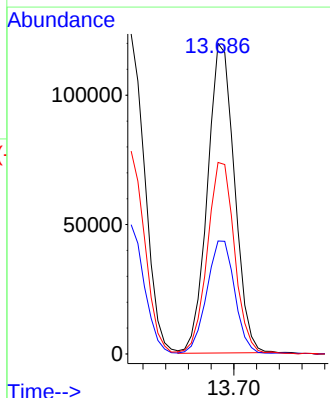
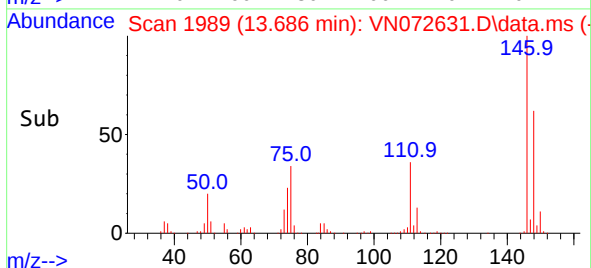
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

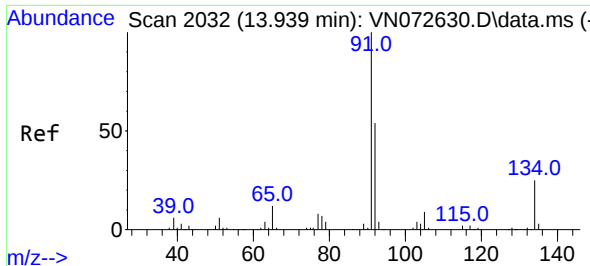


#84
1,4-Dichlorobenzene
Concen: 40.400 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08



Tgt Ion:146 Resp: 197588
Ion Ratio Lower Upper
146 100
111 38.0 19.5 58.5
148 63.0 31.1 93.5





#85
n-Butylbenzene
Concen: 46.650 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

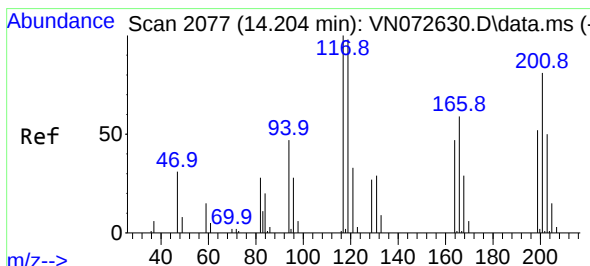
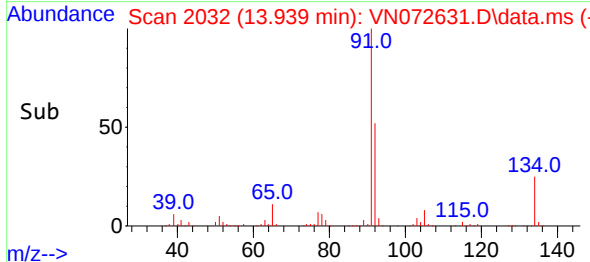
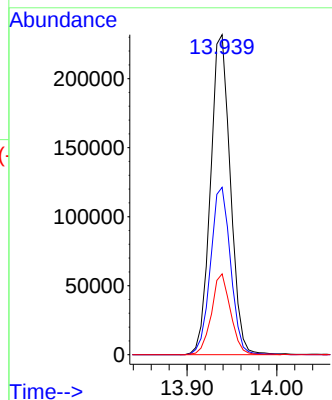
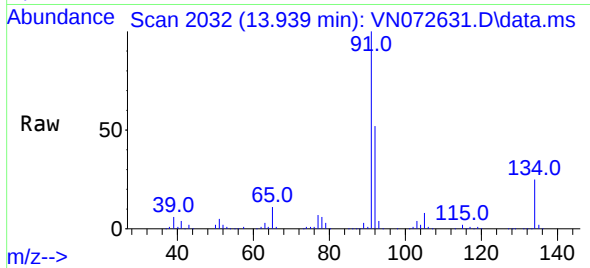
Tgt Ion: 91 Resp: 356875
Ion Ratio Lower Upper
91 100
92 53.0 0.0 100.6
134 24.3 0.0 50.2

Manual Integrations

APPROVED

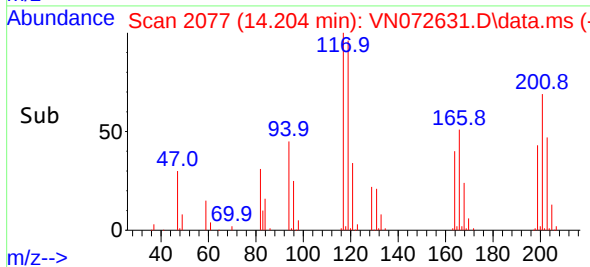
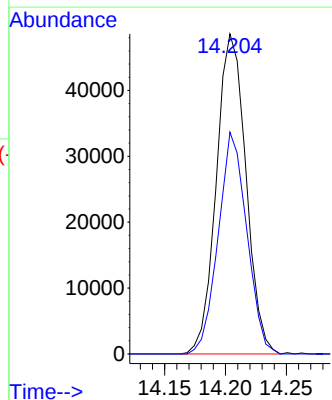
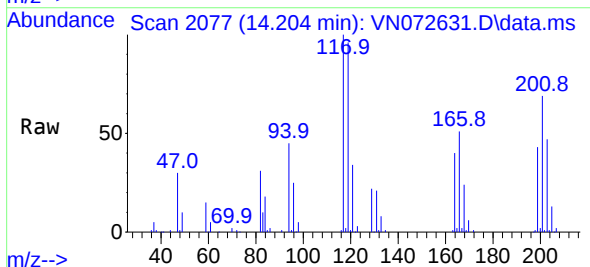
Reviewed By :John Carlone 05/27/2022

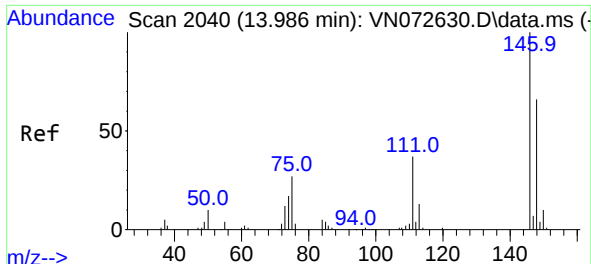
Supervised By :Mahesh Dadoda 05/27/2022



#86
Hexachloroethane
Concen: 43.188 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

Tgt Ion:117 Resp: 82106
Ion Ratio Lower Upper
117 100
201 66.9 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 39.945 ug/l

RT: 13.980 min Scan# 2040

Delta R.T. -0.006 min

Lab File: VN072631.D

Acq: 26 May 2022 15:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion:146 Resp: 196779

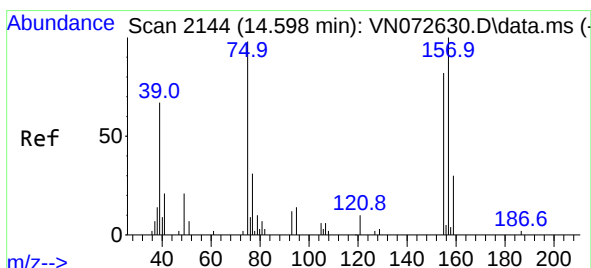
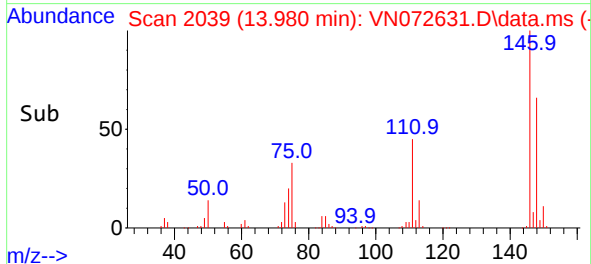
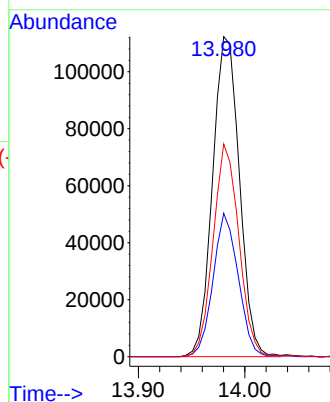
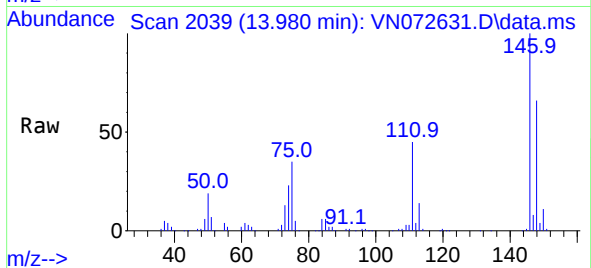
Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.4	64.2
148	63.8	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 40.704 ug/l

RT: 14.598 min Scan# 2144

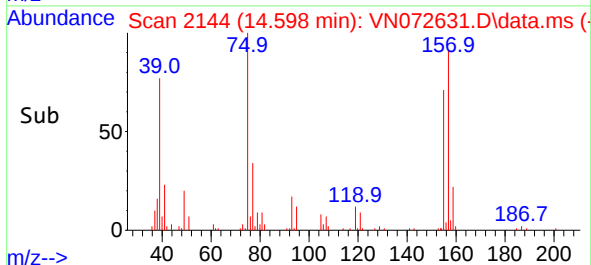
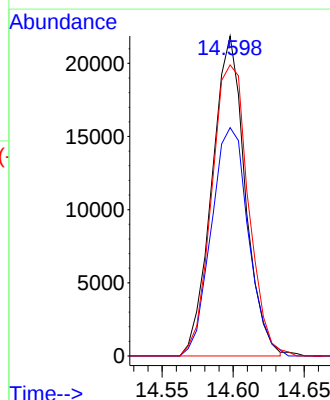
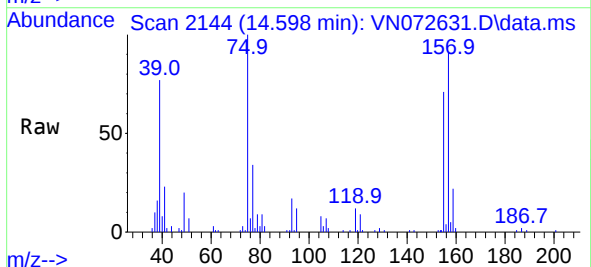
Delta R.T. 0.000 min

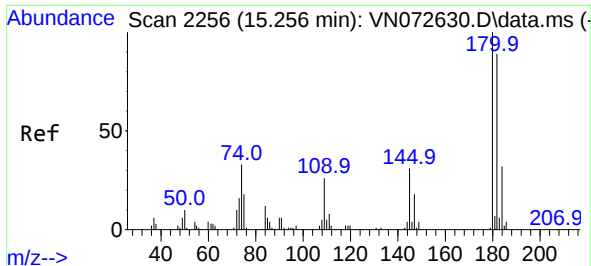
Lab File: VN072631.D

Acq: 26 May 2022 15:08

Tgt Ion: 75 Resp: 35510

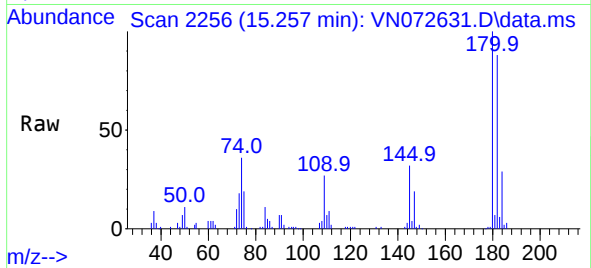
Ion	Ratio	Lower	Upper
75	100		
155	79.7	63.8	95.8
157	100.6	77.9	116.9





#89
1,2,4-Trichlorobenzene
Concen: 40.650 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

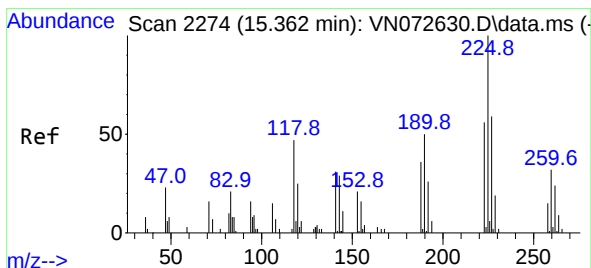
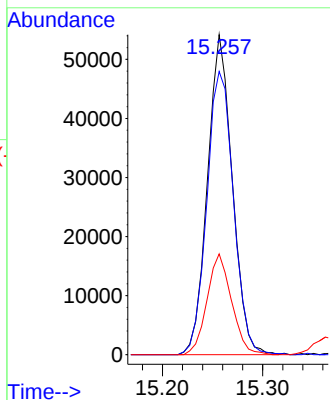
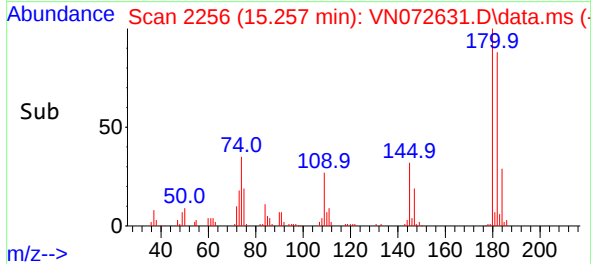
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



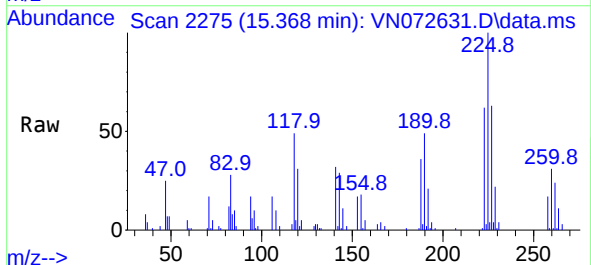
Tgt Ion:180 Resp: 9330
Ion Ratio Lower Upper
180 100
182 94.9 77.7 116.5
145 31.1 26.6 39.8

Manual Integrations
APPROVED

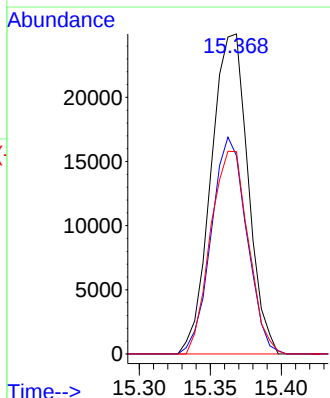
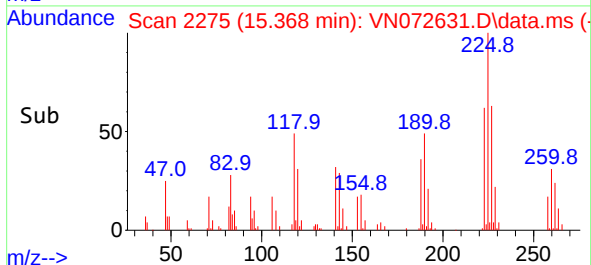
Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

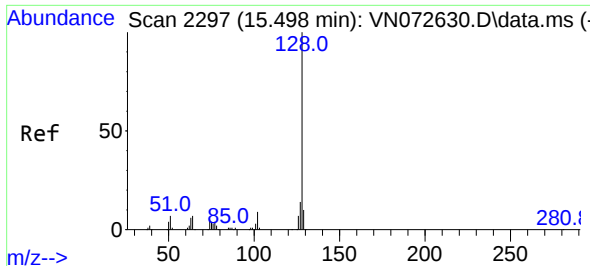


#90
Hexachlorobutadiene
Concen: 33.540 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08



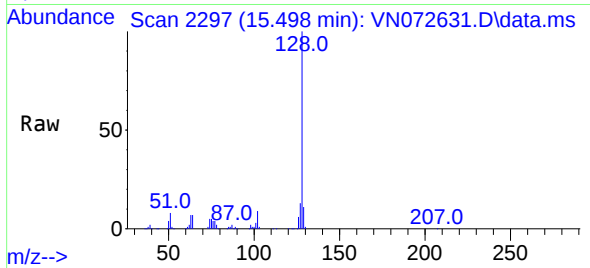
Tgt Ion:225 Resp: 45115
Ion Ratio Lower Upper
225 100
223 64.9 0.0 126.8
227 64.6 0.0 123.0





#91
Naphthalene
Concen: 51.669 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08

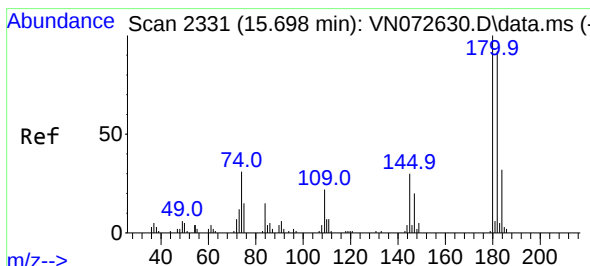
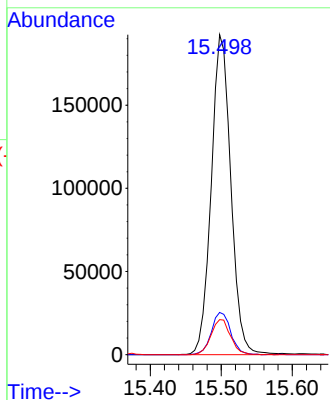
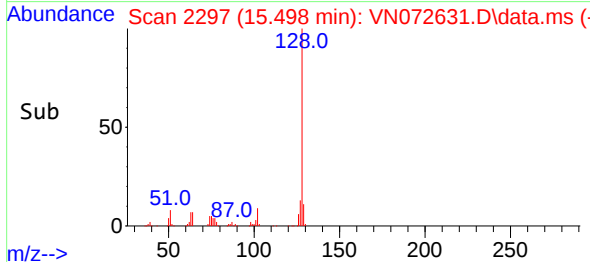
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



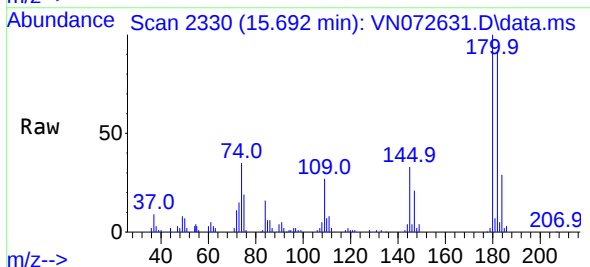
Tgt Ion:128 Resp: 36816
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 11.0 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#92
1,2,3-Trichlorobenzene
Concen: 41.558 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN072631.D
Acq: 26 May 2022 15:08



Tgt Ion:180 Resp: 96880
Ion Ratio Lower Upper
180 100
182 93.6 0.0 190.0
145 32.8 0.0 67.8

